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Aerospace Research Laboratories

BIBLIOGRAPHY OF CLASSICAL AND CONTAGIOUS DISCRETE DISTRIBUTIONS

GANAPATI P. PATIL
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PENNSYLVANIA STATE UNIVERSITY
UNIVERSITY PARK, PENNSYLVANIA

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Project No. 7071



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OFFICE OF AEROSPACE RESEARCH
United States Air Force



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WRIGHT-PATTERSON AIR FORCE BASE, OHIO**

FOREWORD

This report was prepared by G. P. Patil and Sharadchandra W. Joshi on Contracts AF 33 (657)-11559 and AF 33 (615)-2763 for the Aerospace Research Laboratories, Office of Aerospace Research, United States Air Force. The work reported herein was accomplished on Project 7071, 'Research in Applied Mathematics', under the technical cognizance of Dr. P. R. Krishnaiah of the Applied Mathematics Research Laboratory, ARL.

This report presents the bibliography of classical and contagious discrete distributions prepared at the Pennsylvania State University, University Park. Dr. Patil was the principal investigator. Mr. Joshi was the research assistant.

The authors are thankful to Dr. P. R. Rider and Dr. P. R. Krishnaiah for their keen interest and encouragement. They also want to express their appreciation to Mrs. Alex Yanez for her expert assistance in the preparation of this report.

ABSTRACT

The present report provides a bibliography of classical and contagious discrete distributions which lists 2113 publications in statistics and probability discussing discrete distributions in general. Publications in other fields discussing applications of these distributions have been also included. Textbooks as a class have been excluded, but the more intimate ones have been included. Technical reports and dissertations have been treated as published papers.

A systematic search was made for most of the entries published in English during the period ending 1964. Some of the later publications discovered and found relevant are also included. The original objective of achieving comprehensive coverage of non-English publications was partially abandoned due to lack of adequate resources. The interest of the authors continues in the direction of making this bibliography more comprehensive and every form of assistance will be most welcome.

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CHAPTER 1: INTRODUCTION

The present bibliography is an extension of "A selected bibliography of statistical literature on classical and contagious discrete distributions" by Patil (1965e).

An effort has been made to make the bibliography current, as well as to incorporate useful changes. About 1000 relevant entries have been added to the ones listed in Patil (1965e). A prominent change is the use of a citation scheme as discussed and used by I. Richard Savage (1962) in his "Bibliography of nonparametric statistics" published by the Harvard University Press. This technique gives a list of all entries that cite a particular item. The citation lists can serve as a detailed indexing. Hence the publications have not been grouped by classification. However, attempt has been made to classify individual entries.

A systematic search was made for most of the entries published in English during the period ending 1964. We have also listed later publications that we came across and found relevant. The original objective of achieving comprehensive coverage of non-English publications was partially abandoned due to lack of adequate resources.

Papers in statistics and probability discussing discrete distributions in general or those providing explicit treatment of one or more of them on individual basis were considered relevant. Publications in other fields discussing applications of these distributions have been also included. A few relevant topics such as matching, occupancy, run length and contingency tables are omitted since these have been covered well in the "Bibliography of nonparametric statistics" by Savage. Publications on the general theory of queues and other stochastic processes have been excluded to a large extent. The scope of the bibliography, including topics covered, may be more apparent from the discussion on matters related to the classification scheme as discussed later in this introduction.

Textbooks as a class have been excluded, but the more intimate ones have been included. Technical reports and dissertations have been treated as 'published papers'.

Some of the promising periodicals could not be scanned either because they were not readily available or because of language-difficulties or some other reason. However, in view of (2), (3), (4) and (5), a satisfactory coverage of them may be claimed. These periodicals are given in the list C at the end of this introduction.

Entries: A complete entry consists of the name(s) of author(s); year of publication; title of article or book or technical report, etc; name and volume number of the periodical in which the article appeared, or name of the publisher and place of publication of a book or a technical report, etc.; page numbers of journal articles or total number of pages of a technical report; review; users; classification; a special note if needed and a serial number. It is possible that some of the entries are incomplete or less accurate on one count or another. We intend to revise the present version of the Bibliography in the near future and therefore we urge the reader to supply us with corrections, additions and other comments.

Names: For each entry the last name of an author is given followed by his first name or initials. Entries are arranged alphabetically by last names of first authors of articles or books. In the case of a publication having more than one author, entry is made as many times as the number of the authors with cyclic permutation of the order of names in which they appear in the publication. However, in such a case, details of the entry are provided only once in the 'main' entry which is listed under the name of the author appearing first on the publication. For a specified author, publications due to him alone are entered first. And they are listed chronologically for him. Then follow publications written by that author jointly with other listed alphabetically with second author, third author, etc. and chronologically for the same joint author(s).

While alphabetizing names, prefixes such as 'de', 'de la', 'van', 'von' etc. have been treated as parts of the last names. A compound name is entered under the initial letter of the first part of the last name, e.g. Tiago de Oliveira is listed under T; G.-Rodeya, F. E. under G. Publications under corporate body which do not give any author are listed under the name of the body, e.g. National Bureau of Standards, Power Apparatus System or under Anonymous.

The bibliography has been prepared by means of a card index made in the following way.

(1) Certain periodicals were scanned for relevant articles, mainly English. These are given in the list B at the end of this introduction.

(2) A large number of papers were cited in the following reviewing or abstracting journals.

- a. Biological Abstracts (abbreviated as BA)
- b. Mathematical Reviews (abbreviated as MR)
- c. Psychological Abstracts (abbreviated as PA)
- d. Science Abstracts, Sections A and B (abbreviated as SA).

(3) The following bibliography was very useful in locating some of the papers from relatively remote/obscure periodicals.

Bibliography of statistical literature 1950-1958, by M. G.

Kendall and A. G. Doig, Oliver and Boyd, London (1962).

(4) Most of the papers on applications in the field of biology were traced from the following.

- a. An annotated bibliography on the uses of statistics in ecology - A search of 31 periodicals, by Vincent Schultz, a technical report from Environmental Sciences Branch, Division of Biology and Medicine, Atomic Energy Commission, Washington, D. C. (1961).

Later issues of most of the promising periodicals in this group were also examined.

- b. Quantitative plant ecology, by P. Greig-Smith, 2nd edition, Putterworth and Co. Ltd., London (1964).

(5) In response to the requests made for contributions of references and reprints of publications discussing discrete distributions, several research workers in a variety of disciplines brought to our attention a number of relevant articles. In particular, Dr. Frank A. Haight provided several entries on processes and chains involving Poisson or Poisson-related distributions. Dr. Collin Forrester helped with entries from the field of operations research.

Most of the non-English entries have come through (2), (3), (4) and (5) above.

Dates. The year given is the year in which the volume of the periodical in which the article appeared was published or a book (last edition) was published. Hence if a volume spreads over more than a calendar year, a single entry may have more than one year associated with it, for example, J. B. S. Haldane (1947-49). Most of the entries are dated.

If the same group of authors has more than one publication in the same year, the year for such publications is usually suffixed by different letters for easy reference. There may appear some minor irregularities in suffixing as a result of a few last minute alterations.

Titles: Titles are given in the language of publication and, or English translation is provided. Sometimes the language of publication is indicated in a parenthesis following the title if it is not English. If an article is summarized at the end of the publication then it is also indicated in this parenthesis and the language of the summary is given for example, the entry of Medgyessy (1954a) in the bibliography.

The individual identity of each article has been preserved, perhaps at the cost of some duplication at times. In such cases, titles for some entries may be identical. Instances of this kind can particularly occur with published translations and also with some technical reports appearing in periodicals. Titles of books, dissertations and technical reports are underlined (italicized).

Periodical or Publisher and Place: The names of journals and the volume number which follows are underlined (italicized). Volume number along with the date and the starting and end page numbers of the article should enable the reader to locate the article fast. Sometimes issue numbers are given in the subsequent parenthesis because in these cases either the page numbers start with 1 in each issue or the description of the entry was copied from some secondary source (i.e. not from the original publication). Sometimes place of publication of the journal, (although it is not a part of its name), is given because it is well known that way and may help the reader recalling some information, for example, Ann. Inst. Statist. Math. Tokyo. Almost in all cases, the names of periodicals are abbreviated to save space. Abbreviations used are fairly standard, either borrowed from the Mathematical Reviews or the International Journal of Abstracts. In the case of a book, the name of

the publishing company and the place are given in short. If the publication is neither a journal-article nor a book, it is indicated whether it is a technical report or a research report or a dissertation, etc. At these places also standard abbreviations are used whenever possible, for example, Expt. for experiment or experimental Tech. Rep. for technical report Univ. for university, etc. We hope that all of these abbreviations are quite clear in the context and hence are not listed separately. Locations of American universities are not given.

Reviews: Mathematical Reviews through 1965 were scanned for reviews. Psychological Abstracts Biological Abstracts and Science Abstracts through 1963 were scanned. In connection with reviews are given abbreviated names of reviewing and/or abstracting journals, their volume number, year (year in parenthesis) and page number in the case of Mathematical Reviews, or abstract number in the case of Psychological Abstracts, Biological Abstracts, or Science Abstracts. This item is omitted if we have not come across a review for the entry.

Users: If a publication is cited as a reference in another publication then the latter is a user of the former. Thus Feller (1943) is listed as a user under Neyman (1939) because Feller (1943) referred to Neyman (1939). We neither listed users of books nor did we list books as users of any publication. Some articles were not available when users were being listed. Sometimes footnotes may have been overlooked. Thus, lists of users may not be taken to be complete. Users have been listed chronologically. This item is omitted whenever there is no user.

Classification: We did not classify books and dissertations, and in rare cases technical reports which generally cover vast areas and hence are difficult to classify in a reasonably small number of classes. Also abstracts were not classified. In these cases the remark of 'No classification' is made. In many other cases we could not see the original publication or language difficulty was apparent and these publications could not be classified. In such cases this item is left blank. Whenever classification is done it is given in code letters as indicated later in the discussion.

Classification is three ways:

- (1) by distributions,

(2) by statistical inference and

(3) by fields of application.

Notations for these three classifications are separated by colons (:). The first and the third classifications are denoted by capital Roman letters, and the second by small Roman letters. An entry may be classified in more than one category, by each of the three criteria. Codes for different categories in the same classification are separated by dashes (-). For example, B-P:pe-ie:BM tells that the article deals with binomial and Poisson distributions, treats point estimation and interval estimation and discusses application in biological and medical sciences.

The classification scheme may be described as follows:

Classification by Distributions: We give classes and their code in list A.

This classification does not need explanation for each class separately.

However, a few comments are necessary. The name of distributions as seemingly accepted at large in the statistical literature are listed. The words 'compound' and 'generalized' are used in the sense of Gurland (1957). Of course, well known distributions like negative binomial, have been classified by their own name rather than just as a compound or a generalized distribution. Pascal distribution being a special case of negative binomial has been classified as the negative binomial distribution. In a 'related' class, for example, 'other multinomial related', distributions obtained by modifying the underlying probability model one way or another (not covered otherwise) are included. Thus, for example, see Dandekar (1955), Tallis (1962), Stevens (1937). All bivariate distributions are classified as multivariate. Distributions not included in the above list by any specific name are classified as miscellaneous. Articles on discrete distributions in general or sometimes articles containing several - six or more - of them are also classified as miscellaneous.

Classification by Statistical Inference: This classification is more difficult than the other two and almost each class of it needs some explanation. If at least a section or a paragraph of an article deals with a type of statistical inference, it has been included in that particular class.

(1) Tabulation and Charts (tc): This includes entries which give tables and/or charts such as probability tables of a discrete distribution,

graphs of discrete distribution functions or a table of significance values, etc. For example, Nicholson (1960); Nicholson (1961). However, articles giving goodness of fit table or an analysis of variance table do not fall in this class.

(2) Moments(m): Publications discussing raw moments, absolute moments moments about mean or some other origin, incomplete moments expected values of negative powers of a random variable, factorial moments, cumulants are in this class.

(3) Approximations, Asymptotics, etc. (a): This includes entries discussing limiting or asymptotic forms of distributions. Publications giving other types of approximations, for example, to an expected value or to a probability function, are also put in this class.

(4) Other Structural Properties (osp): This class covers structural properties other than those covered in the previous two classes, such as characterizations of distributions, inter-relationships between distributions, sampling distributions, etc.

(5) Processes and Chains (pc):

(6) Point Estimation (pe):

(7) Sequential Estimation (se):

(8) Interval Estimation (ie):

(9) Order Statistics (os):

(10) Test on Parameter (tp): We have restricted ourselves here to tests on parameter(s) of a single distribution. The case of two populations where interest lies in testing equality or inequality of parameters of the two distributions is classified in a different class, 'comparison of two populations'. The case of several populations where equality of parameters of the populations is being tested is included in the class 'homogeneity' or 'analysis of variance and transformation'.

(11) Goodness of Fit (gf): An entry falls into this class if it discusses general theory of goodness of fit criteria or if it contains data to which a distribution is fitted.

(12) Statistical Quality Control and Acceptance Sampling (sqc): There are several publications which discuss statistical quality control using discrete distributions. We have included in this bibliography only those

publications from this field which discuss discrete models and methods employed rather than the operational and industrial aspects as such.

(13) Analysis of Variance and Transformations (anovat): Transformations for discrete distributions have been considered in literature mainly to apply the analysis of variance techniques to the discrete data. Therefore, the publications dealing with analysis of variance of discrete data and also with transformations of discrete distributions are put in a common class.

(14) Index of Dispersion (id): This is perhaps too specialized a topic to warrant a separate class. But since quite a few papers were observed to discuss this index it was thought worth while to prepare a separate class. In fact this is a subclass of 'homogeneity'!

(15) Homogeneity (h): This has been used in two, more or less distinct senses. In one case, the hypothesis to be tested is that given k samples come from a common population with a given probability distribution. In the second, the hypothesis to be tested is that there is no contagion, or that the experimental material is homogeneous. In some articles this was done by testing the Poisson goodness of fit to the data by using index of dispersion. Such entries are classified as 'gf' or 'id'. But in some articles the 'no contagion' or randomness hypothesis was tested by using some other statistics and these were put in this class. The randomness hypothesis is of great importance in ecological problems.

(16) Comparison of Two Populations (ctp): Although this could be looked upon as a special case of 'test on parameters' of a probability function which is a product of individual probability functions, a separate category for this problem is justified by the number of entries in it. The hypothesis to be tested in such a case could be, for example,

$H: \lambda_1 = \lambda_2$ or $H: \lambda_1 < c\lambda_2$ with c a known constant, where λ_1 and λ_2 are parameters of two independent Poisson populations.

(17) Comparison of Models (cm): If two models are to be compared, the two distributions based on the models may be fitted to the available data and statements on comparison may be made using chi-square criterion. Such articles can be classified in 'gf'. In the present class we include those papers in which different models are compared by means of

other reasoning. Univariate versus bivariate approach to accident statistics may be cited as an example of this. For example, Blum and Mintz (1951).

(18) Selection and Ranking Problems (srp):

(19) Computations (c): Articles dealing with computational methods such as discussing programs for preparing tables or providing simplified formulae to evaluate an expression are classified in this class. For example, Birch (1963) and Molina (1929).

(20) Regression and Prediction (rp):

(21) Model Building (mb): All publications which derive discrete distributions under suitable assumptions have been classified under 'mb'. For example, Neyman (1939).

(22) Miscellaneous (mi): Even with the 21 classes described above it was found necessary to make this class. A publication which could not be classified in any of the above 21 classes was put in this class. Increase in the number of classes was not considered very desirable just for a few entries of some kind. It was realized only after a large number of entries were classified that many articles on infinite divisibility were classified as miscellaneous. We are hopeful that in most such cases titles of articles would be self-descriptive.

Classification by Fields of Application: Entries were classified into one or more of the following fields of application.

Biological and Medical Sciences (BM), Physical Sciences (P), Engineering (E), Social Sciences (S), Accidents, Absenteeism (A), Linguistics (L), General Theory (G) and Other (O).

Classification into any of BM, P, E, S, L is relatively easy. Papers on accidents data and absenteeism could not be classified in any of these five classes conveniently. Because of this reason and due to wide interest generated by the theory of accidents and absenteeism, such papers were classified in a separate class. Papers discussing general statistical or probability theory without application to any particular field are put in 'G'. In a number of publications a general theory is developed with a view to applying it to a specific problem in one of the above fields. In such a case the entry is classified as 'G' as well as the particular field. The same

procedure is followed if the general theory is applied in some field as an illustration of the general theory, or even if it was felt that the statistical method under discussion could be of general interest in a particular field. There are not many papers which had to be put in the last class 'O'.

The bibliography is, hopefully, not far from being exhaustive, though a few not-directly-relevant-papers might have crept in, as might also some relevant ones left out. Some entries remain to be classified. Our interest continues and the users are requested to bring to our notice any errors or omissions that they might detect. We would also be happy to be notified of the classifications missing in the bibliography. We request timely assistance of our readers in this effort. Reprints also would be very welcome.

A: LIST OF CLASSES

(1) CLASSIFICATION BY DISTRIBUTIONS

1.	Hypergeometric	H
2.	Negative Hypergeometric	NH
3.	Inverse Hypergeometric	IH
4.	Other Hypergeometric Related	OHR
5.	Multivariate Hypergeometric	MH
6.	Multivariate Inverse Hypergeometric	MIH
7.	Multivariate Hypergeometric Related	MHR
8.	Binomial	B
9.	Generalized Binomial Distribution of Poisson	GBDP
10.	Truncated or Censored Binomial	TCB
11.	Compound Binomial	COB
12.	Generalized Binomial	GB
13.	Multivariate Binomial	MB
14.	Other Binomial Related	OBR
15.	Poisson	P
16.	Truncated or Censored Poisson	TCP
17.	Compound Poisson	COP
18.	Generalized Poisson	GP
19.	Multivariate Poisson	MP
20.	Other Poisson Related	OPR
21.	Negative Binomial	NB
22.	Truncated or Censored Negative Binomial	TCNB
23.	Compound Negative Binomial	CONB
24.	Generalized Negative Binomial	GNB
25.	Multivariate Negative Binomial	MNB
26.	Logarithmic Series	LS
27.	Multinomial	M
28.	Compound Multinomial	COM

29.	Generalized Multinomial	GM
30.	Negative Multinomial	NM
31.	Compound Negative Multinomial	CONM
32.	Other Multinomial Related	OMR
33.	Power Series	PS
34.	Multivariate Power Series	MPS
35.	Inverse Factorial Series	IFS
36.	Geometric	G
37.	Compound Geometric	COG
38.	Generalized Geometric	GG
39.	Neyman's Type A	N
40.	Borel-Tanner	BT
41.	Discrete Lognormal	DL
42.	Thomas	T
43.	Polya	PO
44.	Miscellaneous	MI

(2) CLASSIFICATION BY STATISTICAL INFERENCE

1	Tabulation and Charts	tc
2.	Moments	m
3.	Approximations, Asymptotics	a
4.	Other Structural Properties	osp
5.	Processes and Chains	pc
6.	Point Estimation	pe
7.	Sequential Estimation	se
8.	Interval Estimation	ie
9.	Order Statistics	os
10.	Test on parameters	tp
11.	Goodness of Fit	gf
12.	SQC and AS	sqc
13.	Anova and Transformations	anovat

14.	Index of dispersion	id
15.	Homogeneity	h
16.	Comparison of two populations	ctp
17.	Comparison of models	cm
18.	Selection and ranking problems	srp
19.	Computations	c
20.	Regression and prediction	rp
21.	Model building	mb
22.	Miscellaneous	mi

(3) CLASSIFICATION BY FIELDS OF APPLICATION CITED

1.	Biology and Medicine	BM
2.	Physical Sciences	P
3.	Engineering	E
4.	Social Sciences	S
5.	Accidents, Absenteeism	A
6.	Linguistics	L
7.	General Theory	G
8.	Other	O

B: LIST OF SCANNED PERIODICALS

Acta Math. Acad. Sci. Hungar.

Amer. Math. Monthly

Ann. Eugenics (now Ann. Human Genetics)

Ann. Human Genetics (formerly Ann. Eugenics)

Ann. Math. Statist.

Ann. of Math.
 Appl. Statist.
 Bell System Tech. J.
 Biometrics
 Biometrika
 Bull. Amer. Math. Soc.
 Bull. Calcutta Math. Soc.
 Canad. J. Math.
 Canad. Math. Bull.
 Duke Math. J.
 Ecology
 Econometrica
 Industrial Quality Control
 Information and Control
 J. Amer. Statist. Assoc.
 J. Appl. Prob.
 J. Ecol.
 J. Roy. Statist. Soc. Ser. A
 J. Roy. Statist. Soc. Ser. B
 J. Roy. Statist. Soc. Suppl.
 Math. Nachr.
 Metrika (formerly Mitteilungsbl. Math. Statist.
 Mitteilungsbl. Math. Statist. (now Metrika)
 Operations Res. (formerly J. Operations Res. Society Amer.)
 Pacific J. Math.
 Philos. Trans. Roy. Soc. London Ser. A
 Population Studies
 Proc. Berkeley Symp. Math Statist and Probab.
 Proc. Cambridge Philos. Soc.
 Proc. Edinburgh Math. Soc. Ser. 2
 Proc. 4th Berkeley Symp. on Math. Statist. and Probab.
 Proc. London Math. Soc.
 Proc. Roy. Soc. Edinburgh Sect. A
 Proc. 2nd Berkeley Symp. Math. Statist. Probab.

Proc. 3rd Berkeley Symp. Math. Statist. Probab.
Psychometrika
Sankhyā Ser. A and B
Technometrics
Teor. Veroyatnost. i Primenen.
Theor. Probability Appl.
Trans. Amer. Math. Soc.

C: LIST OF OTHER PERIODICALS APPEARING IN THE BIBLIOGRAPHY

Acad. R. P. Romine Bul. Sti. Mat. Fiz.
Acad. Roy. Belg. Bull. Cl. Sci.
Acad. Roy. Belg. Cl. Sci. Mem. Coll. in-8°
Acta Gent. Statist. Med.
Acta XI Congr. Int. Orn.
Acta Sci. Math. (Szeged)
Actas Acad. Cl. Lima
Actas 2.^a Reunion Mat. Espanolas
Agra Univ. J. Res.
Akad. Nauk. SSR Zhurnal Eksper. Teoret. Fiz.
Akad. Nauk. SSSR Inzenernyi. Sbornik
Aktuar. Vedy
Algorytmy
Allgemein. Statist. Arch.
Amer. Econ. Rev.
Amer. J. Hum. Genet.
Amer. J. Publ. Health
Amer. Midland Nat.
Amer. Nat.
Amer. Psychologist

Amer. Sociol. Rev.
 An. Fac. Ci. Porto
 An. Soc. Ci. Argentina
 Ann. Appl. Biol.
 Ann. Bot. Lond.
 Ann. Bot. Lond., N. S.
 Ann. Ent. Soc. America
 Ann. Fac. Econ. Com. Palermo
 Ann. Fac. Sci. Univ. Toulouse
 Ann. Inst. H. Poincare
 Ann. Inst. Statist. Math. Tokyo
 Ann. Sci. Ecole Norm. Sup.
 Ann. Soc. Polon. Math.
 Ann. Soc. Sci. Bruxelles Ser. I
 Ann. Univ. Lyon Sect. A
 Apl. Mat.
 Appl. Sci. Res. B
 Arch. hig. rada
 Arkiv fur Matematik Astronomi och Fysik
 Assoc. Roy. Actuaaires Belges, Bull.
 ASTIN Bull.
 Astrophys J.
 Atti Accad. Gioenia Catania
 AUK
 Austral. J. Bot.
 Automobilitismo
 Behavioral Sci.
 Ber. Tagung Wahrsch. Rechnung Math. Statist., Berlin
 Ber. Verh. Sachs. Akad. Wiss. Leipzig
 Bi.-Deutsch. Ges. Versicherungs-Math.
 Biol. Sci. Tokyo
 Biometrie-Praximetrie
 Bull. Un. Mat. Ital.
 Bot. Rev.

Brit. J. Psychol.
 Brit. J. Statist. Psychol.
 Bull. Acad. Polon. Sci. Classe III
 Bull. Assoc. Actuaire Deplomes Inst. Sci. Financ. Assuar. Mars
 Bull. Assoc. Licencies en Sci. Actuarielles, Univ. Libre de Bruxelles (Bruxelles)
 Bull. Calcutta Statist. Assoc.
 Bull. Coll. Sci. (Bagdad)
 Bull. Inst. Internat. Statist.
 Bull. Math. Biophys.
 Bull. Sci. Math. Biology
 Bull. Soc. Math. France
 Bull. Soc. Math. Grece
 Bull. Soc. Roy. Sci. Liege
 Bull. Soc. Sci. Lettres Lodz.
 Bull. Trimest. Inst. Actuaire Franc.
 C. R. Acad. Sci. Paris
 C. R. Accad. Lincei
 C. R. (Doklady) Acad. Sci. URSS N. S.
 C. R. 11th Congr. Math. Scand.
 California Fish and Game
 Canad. Ent.
 Canad. J. Bot.
 Canad. J. Res. D
 Canad. J. Zool.
 Chiffres
 Ciencia (Lisbao)
 Cold Spring Harbor Symp. on Quantitative Biol.
 Colloq. Math.
 Comm. and Electronics
 Comm. Math. Helv.
 Comm. Pure Appl. Math.
 Commentary
 Comptes Rendus de l'Academie des Sciences d'URSS
 Condor

Contr. Lab. Vertebrate Biol. Univ. Mich.
 Czechoslovak. Math. J.
 Defence Sci.
 Deutsche Math.
 Dokl. Akad. Nauk SSSR
 Dopovidy Akad. Nauk Ukrain RSR
 Ecol. Monogr.
 Educ. Psychol. Measmt.
 Elec. Comm. Lab. Tech. J.
 Ericsson Technics
 Food Res.
 Forest Sci.
 50th Indian Sci. Congress
 Gac. Mat. (Madrid)
 Ganita
 Genie Civil
 Giorn. Economisti
 Giorn. Inst. Ital. Attuari.
 Growth
 Hermes (Quebec)
 Highway Res. Board Proceedings
 Hum. Biol.
 Indian J. Medical Res.
 Indian J. Meteo. Geo.
 Indian J. Vet. Sci. and Animal Husbandry
 Industritidningen Norden
 IRE Trans.
 Ist. Italiana degli Attuari Giornale
 Izv. Akad. Nauk SSSR Ser. Math.
 Izv. Akad. Nauk UzSSR Ser. Fiz.-Mat. Nauk
 J. Agric. Res.
 J. Amer. Soc. Agron.
 J. Analyse Math.
 J. Animal Ecol.

J. Assoc. Comput. Mach.
 J. Austral. Math. Soc.
 J. Boston Soc. Civil Engrs.
 J. Chron. Dis.
 J. College Arts Sci. Chiba Univ.
 J. Conseil
 J. Dental Res.
 J. Econ. Ent.
 J. Educ. Res.
 J. Elisha Mitchell Sci. Soc.
 J. Expt. Biol.
 J. Expt. Educ.
 J. Fisheries Res. Board Canada
 J. Forestry
 J. Geology
 J. Gen. Microbiol.
 J. Genetics
 J. Helminthology
 J. Hyg., Camb.
 J. Immunology
 J. Indian Soc. Agri. Statist.
 J. Insurance
 J. Inst. Actuar.
 J. Maharaja Sayajirao Univ. Baroda
 J. Marine Biol. Assoc.
 J. Marine Res.
 J. Math. Mech.
 J. Math. Soc. Japan
 J. Nat. Inst. Person. Res. Johannesburg
 J. Operations Res. Soc. Amer.
 J. Proc. Roy. Soc. New South Wales
 J. Res. Nat. Bur. Standards Sect. B
 J. Sci. Res. Banaras Hindu Univ.
 J. Soc. Indust. Appl. Math.

J. Soc. Statist. Paris
 J. Textile Inst.
 J. Washington Acad. Sci.
 J. Wildlife Managem.
 Jahrbucher fur Nationalokonomie und Statistik
 Jap. J. Ecol.
 Jber. Deutsch. Math.-Verein.
 Jenaische Zeitschrift fuer Medizin und Naturwissenschaft
 Junior Inst. Eng. J.
 Kagaku (Science)
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 Kungl. Lantbrukshogskolans Annaler
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 Magyar. Tud. Akad. Mat. Fiz. Oszt. Kozl.
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 Math. Centrum Amsterdam Statist. Afdeling Rap.
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 Math. Japon.
 Math. Mag.
 Math. Statist. Prob.
 Math. Student
 Math. Z.
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 Mem. Real. Acad. Ci. Art. Barcelona
 Mem. Soc. Astronom. Ital. N. S.
 Metron
 Milbank Memorial Fund Quart.

Mitt. Verein. Schweiz. Versich-Math.
 Nature
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 Naturwissenschaften
 Nat. Conv. Trans. Amer. Soc. Qual. Contr.
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 Nederl. Akad. Wetensch. Proc. Ser. A (Indag. Math.)
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 New Zealand J. Sci.
 Nieuw Arch. Wisk
 Nordisk Mat idskr.
 Numer. Math.
 Nuovo Cimento
 Nyt Tidsskrift for Mathematik B
 Oesterreichische Revue
 Ohio J. Sci.
 Osaka Math. J.
 P. O. Elect. Engrs. J.
 Papers Michigan Acad. Sci. Arts and Letters
 Philos. Mag. Ser. 5
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 Pokroky Mat. Fyz. Astronom.
 Pont. Acad. Sci. Comment
 Proc. Conf. Inter. Population Union
 Proc. 11th Internat. Congr. Ent.
 Proc. First Pakistan Statist. Conf.
 Proc. Harvard Symp. Dig. Computers Appl.
 Proc. Indian Acad. Sci.
 Proc. Linn. Soc. Lond.
 Proc. Nat. Acad. Sci.
 Proc. Nat. Acad. Sci. India Sect. A
 Proc. National Inst. Sci. India
 Proc. Nat. Acad. Sci. USA

Proc. Phys. Soc.
 Proc. 6th Grassland Congr.
 Proc. South Dakota Acad. Sci.
 Proc. Third Int. Con. Oper. Res. Oslo.
 Psychol. Bull.
 Publ. Inst. Statist. Univ. Paris
 Publ. Math.
 Publ. Math. Debrecen
 Publ. Math. Inst. Hungar. Acad. Sci.
 Quart. J. Roy. Meteorol. Soc.
 Rend. Sem. Fac. Sci. Univ. Cagliari
 Rep. Statist. Appl. Res. Un. Japan. Sci. Engrs.
 Rev. Ci. (Lima)
 Rev. Fac. Sci. Univ. Istanbul Ser. A
 Rev. Gen. Electr.
 Rev. Math. Hisp.-Amer.
 Rev. Med. Veterinaria
 Rev. Modern Phys.
 Rev. Pop. Ecol.
 Rev. Sci. Instrum.
 Rev. Suisse Econ. Polit. Statist.
 Rev. Un. Mat. Argentina
 Riv. Italiana di Demografia e Statist.
 Schweiz. Arch. Angew. Wiss. Tech.
 Sci. Rep. Kagoshima Univ.
 Separata de Revista
 SIAM Review
 Sitzungsberichte der Berliner Math. Gesellschaft
 Skand. Aktuarietidskr.
 Soc. Actuar. Trans.
 Statistica (Bologna)
 Statistica Neerlandica
 Statist. and Math. in Biology
 Statist. Qual. Control

Statist. Vierteljschr.
 Studia Math.
 Stvh. Math.
 Svensk. Botanisk Tidskrift
 Trabajos. Estadist.
 Trans. Amer. Fisheries Soc.
 Trans. Amer. Inst. Elec. Engrs.
 Trans. XVth Inter. Congress Actuaries
 Trans. N. Amer. Wildlife Conf.
 Trans. Roy. Soc. South Africa
 Trans. 17th Inter. Congress Actuaries
 Travail Hum.
 Trudy Inst. Mat. Mekh., Akad. Nauk Uzbek, SSR
 Tydskr. Wet. Kuns.
 Uchenye Zapiski Moskovskii Gosudarstvennyi Univ. Math,
 Ukrain. Mat. Z.
 Univ. California Publ. Statist.
 Univ. Lisboa Revista Fac. Ci. A
 Univ. Washington Publ. Math.
 Uspehi Mat. Nauk
 Uspehi Mat. Nauk N. S.
 Vestnik Leningrad. Univ.
 Vestnik Leningrad. Univ. Ser. Mat. Meh. Astronom.
 Virginia J. Sci.
 Virginia J. Sci. N. S.
 Wahrscheinlichkeitstheorie and Verw
 Wiadom. Mat.
 William and Mary Quart.
 Wiss. Z. Humboldt-Univ. Berlin Math.-Nat. Reihe
 Yokohama Math. J.
 Z. Angew. Math. Nech.
 Z. Angew. Math. Phys.
 Z. fur Philosophie und philosophische Kritik.
 Z. Eksper. Teoret. Fiz.

Z. Physik.

Z Versicherungs-Recht und-Wissenschaft

Zastcs. Mat.

CHAPTER 2: BIBLIOGRAPHY OF DISCRETE DISTRIBUTIONS

- ABBE, E. (1879). Ueber Blutkörper-Zählung. Jenaische Zeitschrift fuer Medizin und Naturwissenschaft 13, 98-105.
Class.: 1
- ABDEL-ATY, S. H. (1954). Ordered variables in discontinuous distributions. (Dutch summary). Statistica Neerlandica 8, 61-82.
Review: MR 16(1955), 729
Class.: MI-B-P:os:G 2
- ABERDEEN, J. E. C. (1958). The effect of quadrat size, plant size, and plant distribution on frequency estimates in plant ecology. Austral. J. Bot. 6, 47-58.
Class.: 3
- ABRAHAM, J. K. (1962). Confidence intervals for the reliability of multi-component systems. Memo. Rep. 1404, Ballistic Res. Labs., Maryland, pp. 50.
Class.: B-P:ie:E 4
- ACKERMAN, C. L. (1963). Theoretical analysis of a digital correlator. Tech. Memo., Ordnance Res. Lab., Pennsylvania State University., pp. 12.
Class.: B:mi:E 5
- ACKERMAN, WOLF-GUNTER (1939). Eine Erweiterung des Poissonschen Grenzwertsatzes und ihre Anwendung auf die Risikoprobleme in der Sachversicherung. Schr. Math. Inst. u. Inst. Angew. Math., Univ. Berlin 4, 211-255.
Review: MR 1(1940), 251
Users: Feller, W. (1943)
Class.: 6
- ACZEL, J. (1952). On composed Poisson distributions III. (Russian summary). Acta Math. Acad. Sci. Hungar. 3, 219-224.
Review: MR 14(1953), 770
Users: Prekopa, A. (1957a)
Class.: COP:pc:G 7
- ACZEL, J. (1956). Some general methods in the theory of factorial equations of one variable. New applications of functional equations. (Russian). Uspehi Mat. Nauk 11, 3-68.
Class.: 8
- ACZEL, J., JANOSSY, L. and RENYI, A. (1950). See Janossy, L., Renyi, A. and Aczel, J. (1950).
- ACZEL, J. and ZUBRZYCKI, S. (1956). Sur un problème de la théorie des nombres lié à la distribution binomiale. Colloq. Math. 4, 56-67.
Review: MR 17(1956), 944
Class.: B:mi:G 9

- ADAIR, D. (1944a). The authorship of the disputed federalist papers. Part I. William and Mary Quart. 1, 97-122.
Users : Mosteller, F. and Wallace, D. (1963)
Class.: 10
- ADAIR, D. (1944b). The authorship of the disputed federalist papers. Part II. William and Mary Quart. 1, 235-264.
Users : Mosteller, F. and Wallace, D. (1963)
Class.: 11
- ADAM, A. (1950). Reproduktive Systeme und ihre Anwendungen in der technischen Statistik. (German). Statist. Vierteljschr. 3, 55-70.
Review: MR 13(1952), 962
Class.: 12
- ADELMAN, I. G. (1958). A stochastic analysis of the size distribution of firms. J. Amer. Statist. Assoc. 53, 893-904.
Class.: MI:pc:S 13
- ADELSTEIN, A. M. (1952). Accident proneness: a criticism of the concept based upon an analysis of shunters' accidents. J. Roy. Statist. Soc. Ser. A. 115, 354-410.
Users : Gurland, J. (1959), Haight, Frank (1964a), Haight, Frank (1965a), Haight, Frank (1965b)
Class.: P-NB:gf:A 14
- ADLER, FRANZ (1951). Yates' correction and the statisticians. J. Amer. Statist. Assoc. 46, 490-501.
Class.: MI:mi:G 15
- ADLER, H. A. and MILLER, K. W. (1946). A new approach to probability problems in electrical engineering. Trans. Amer. Inst. Elec. Engrs. 65, 630-632.
Class.: 16
- AGARWALA, S. P., CHAKRABORTY, P. N. and CHANDRA, S. C. (1955). See Chandra S. C., Agarwala, S. P. and Chakraborty, P. N. (1955).
- AGNEW, RALPH PALMER (1959). Asymptotic expansion in global central limit theorems. Ann. Math. Statist. 30, 721-737.
Class.: B:a:G 17
- AHLSTROM, E. H. and SETTE, O. E. (1947). See Sette, O. E. and Ahlstrom, E. H. (1947).
- AHMED, M. S. (1955). A locally optimal test for the independence of two Poisson variables. (Abstract). Ann. Math. Statist. 26, 157
Class.: No classification 18
- AHMED, M. S. (1959). Poisson type stationary Markov chains I. Bull. Coll. Sci. (Bagdad) 4, 63-68.
Users : Ahmed, M. S. (1960)
Class.: 19

- AHMED, M. S. (1960). Binomial type stationary Markov chains. Bull. Coll. Sci. (Bagdad) 5, 1-9.
Review: MR 24A(1962), 558
Class.: B:pc-tp:G 20
- AHMED, M. S. (1961). On a locally most powerful boundary randomized similar test for the independence of two Poisson variables. Ann. Math. Statist. 32, 809-827.
Review: MR 24A(1962), 214
Users : Kemp, C. D. and Kemp, A. W. (1965)
Class.: MP-MI:tp:G 21
- AITCHISON, J. (1955). On the distribution of a positive random variable having a discrete probability mass at the origin. J. Amer. Statist. Assoc. 50, 901-908.
Review: MR 17(1956), 169; FA 30(1956), Ab.No. 3720
Class.: TCP:pe:G 22
- AITCHISON, J. (1962). Large-sample restricted parametric tests. J. Roy. Statist. Soc. Ser. B 24, 234-250.
Class.: P-M:tp:G 23
- AKAIKE, H. (1956). On a zero-one process and some of its applications. Ann. Inst. Statist. Math., Tokyo 8, 87-94.
Class.: 24
- AKAO, Y. (1958). A significance test for fraction-defective by compressed limits. Statist. Qual. Control 19, 54-62.
Class.: 25
- ALBERT, G. E. and NELSON, L. (1953). Contributions to the statistical theory of counter data. Ann. Math. Statist. 24, 9-22.
Users : Girshick, M. A., Rubin, H. and Sitgreaves (1955)
Class.: 26
- ALDA, V. (1952). A note on Poisson's distribution (Russian. English summary). Czechoslovak. Math. J. 2 (77), 243-246.
Review: MR 15(1954), 634
Class.: 27
- ALDA, V. (1953). Completeness of polynomials for Poisson's distribution. (Russian. English summary). Czechoslovak. Math. J. 3(87), 83-85.
Class.: 28
- ALFRED, F. M. (1952). Modèles de courbes statistiques gouvernant le hasard. Distribution hypergéométrique et système Personien. Hermes (Quebec) 2, 56-80.
Class.: 29
- ALLEN, K. R. (1941). Studies on the biology of the early stages of the salmon (*Salmo salar*). J. Animal Ecol. 10(1), 47-76.
Class.: 30

ALLENDORFER, C. B. and DUNN, E. R. (1949). See Dunn, E. R. and Allendoerfer, C. B. (1949).

AMATO, V. (1950). Sui limiti di applicabilita della formula di Poisson. Statistica (Bologna) 10, 149-152.
Review: MR 12(1951), 190
Class.: 31

AMATO, V. (1959). L'esponenziale di Poisson e la distribuzione del numero dei morti per giorno. Statistica (Bologna) 19, 20-59.
Class.: 32

AMERINE, M. A., ROESSLER, E. B. and BAKER, G. A. (1954). See Baker, G. A., Amerine, M. A. and Roessler, E. B. (1954).

AMERINE, M. A., ROESSLER, E. B. and BAKER, G. A. (1956). See Roessler, E. B., Baker, G. A. and Amerine, M. A. (1956).

AMERINE, M. A., ROESSLER, E. B., FILIPELLO, F. and BAKER, G. A. (1960). See Baker, G. A., Amerine, M. A., Roessler, E. B. and Filipello, F. (1960).

AMMETER, HANS (1948). A generalization of the collective theory of risk in regard to fluctuating basic - probabilities. Skand. Aktuarietidskr. 31, 171-198.
Class.: 33

AMMETER, HANS (1949). Die elemente der kollektiven Risikotheorie von festen und zufallsartig schwankenden Grundwahrscheinlichkeiten. Mitt. Verein. Schweiz. Versich-Math. 49, 35-95.
Class.: 34

AMSTER, SIGMUND J. (1963). A modified Bayes stopping rule. Ann. Math. Statist. 34, 1404-1413.
Class.: B:se-tp:G 35

ANDERSON, E. O., BLISS, C. I., MORGAN, M. E. and MACLEOD, P. (1951). See Morgan, M. E., MacLeod, P. Anderson, E. O. and Bliss, C. I. (1951).

ANDERSON, R. L., BINET, F. E., LESLIE, R. T. and WEINER, S. (1956). See Binet, F. E., Leslie, R. T., Weiner, S., and Anderson, R. L. (1956).

ANDERSON, T. W. (1965). Over estimation of binomial probabilities by Poisson probabilities. (Abstract). Ann. Math. Statist. 36, 1611.
Class.: No classification 36

ANDERSON, T. W. and FRIEDMAN, MILTON (1960). A limitation of the optimum property of the sequential probability ratio test. Contributions to probability and statistics, Ed. by Olkin, I., et al., Stanford Univ. Press, Stanford, Calif., pp. 57-69.
Review: MR 22(1961), 1957
Class.: 37

ANONYMOUS (1943). Annual meeting in the university botany school, Cambridge.
J. Ecol. 31(1), 97-99.
 Class.: 38

ANONYMOUS (1947). Report of the Hon. secretaries for the year 1946. J. Ecol.
 34(1), 236-240.
 Class.: 39

ANSCOMBE, F. J. (1948). The transformation of Poisson, binomial and negative-
 binomial data. Biometrika 35, 246-254.
 Users : Anscombe, F. J. (1949a), Anscombe, F. J. (1950a), Freeman, M. F.
 and Tukey, J. W. (1950), Bailey, N.T.J. (1951), Good, I. J. (1953b),
 Abdel-Aty, S. H. (1954), Blom, G. (1954), David, F. N. (1955a), Holt, S. J.
 (1955), Moore, P. G. (1956b), Bliss, C. I. and Owen, A.R.G. (1958), Clemans,
 K. G. (1959), Ehrenberg, A.S.C. (1959), Hairston, N. G. (1959), Jensen, P.
 (1959), Laubscher, N.F. (1960), Laubscher, N. F. (1961), Tsao, C. M. (1962)
 Govindarajulu, Z. (1965)
 Class.: P-B-NB:anovat:G 40

ANSCOMBE, F. J. (1949a). The statistical analysis of insect counts based on
 the negative binomial distribution. Biometrics 5, 165-173.
 Users : Anscombe, F. J. (1950a), Anscombe, F. J. (1950b), Oakland, G. B.
 (1950), Barnes, H. and Stanbury, F. (1951), Hunter, G. C. and Querouille,
 M. H. (1952), Bliss, C. I. and Fisher, R. A. (1953), David, F. N. and Moore,
 P. G. (1954), Robinson, P. (1954), Douglas, J. B. (1955), Waters, W. E.
 (1955), Putnam, L. G. and Shklov, N. (1956), Smith, J.H.G. and Ker, J. W.
 (1957), Bliss, C. I. (1958), Bliss, C. I. and Owen, A.R.G. (1958), Kutkuhn,
 J. H. (1958), Hairston, N.G. (1959), Jensen, P. (1959), Patil, G. P. (1959),
 Waters, W. (1959), Waters, W. E. and Hensen, W. R. (1959), Barton, D. E.,
 David, F. N. and Merrington, M. (1960), Forsythe, H. Y. and Gyrisco, G.
 (1961), Taylor, C. J. (1961), Tsao, C. M. (1962), Katti, S. K. and Sly, L. E.
 (1965), Shenton, L. R. and Myers, R. (1965)
 Class.: NB:pe-anovat:BM 41

ANSCOMBE, F. J. (1949b). Large-sample theory of sequential estimation.
Biometrika 36, 455-458.
 Users: Cox, D. R. (1952), Tweedie, M.C.K. (1952), Schwarz, G. (1962)
 Class.: MI:se:G 42

ANSCOMBE, F. J. (1950a). Sampling theory of the negative-binomial and log-
 arithmic series distributions. Biometrika 37, 358-382.
 Review: MR 12(1951), 510
 Users : Ramakrishnan, A. (1951), Adelstein, A. M. (1952), Skellam, J. G.
 (1952), Bliss, C. I. and Fisher, R. A. (1953), Evans, D. A. (1953), Good,
 I. J. (1953a), Cochran, W. G. (1954), David, F. N. and Moore, P. G. (1954),
 Robinson, P. (1954), Douglas, J. B. (1955), Sampford, M. R. (1955),
 Barton, D. E. (1957), Smith, J.H.G. and Ker, J. W. (1957), Bliss, C. I.

(1958), Bliss, C. I. and Owen, A.R.G. (1958), Gurland, J. (1958), Kutkuhn, J. H. (1958), Schaefer, M. B. and Bishop, Y. M. (1958), Shenton, L. R. (1958), Sprott, D. A. (1958), Cohen, A. C. Jr. (1959d), Gurland, J. (1959), Jensen, P. (1959), Waters, W. (1959), Waters, W. E. and Hensen, W. R. (1959), Darwin, J. H. (1960), Edwards, W. F. (1960a), Katti, S. K. and Gurland, J. (1961), Martin, L. (1961), Cassie, R. M. (1962), Katti, S. K. and Gurland, J. (1962b), Martin, D. C. and Katti, S. K. (1962a), Martin, L. (1962b), Patil, G. P. (1962b), Shenton, L. R. and Wallington, P. A. (1962), Tsao, C. M. (1962), Birch, M. W. (1963), Birch, M. W. (1963), Mosimann, J. E. (1963), Nelson, W. C. and David, H. A. (1964), Williamson, E. and Bretherton, M. (1964), Blischke, W. R. (1965), Blischke, W. R. (1965), Bowman, K. O. and Shenton, L. R. (1965b), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1965), Mellinger, G., Sylwester, D., Gaffey, W. and Manheimer, D. (1965), Shenton, L. R. and Myers, R. (1965), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1966), Patil, G. P. and Shorrocks, R. W. (1966)
 Class.: NB-LS-N-I-DL-MI:mi:G 43

ANSCOMBE, F. J. (1950b). Soil sampling for potato root eelworm cysts. Ann. Appl. Biol. 37, 286-295.
 Users : Anscombe, F. J. (1950a)
 Class.: 44

ANSCOMBE, F. J. (1964). Normal likelihood functions. Ann. Inst. Statist. Math. 16, 1-19.
 Class.: 45

ANSCOMBE, F. J. and PAGE, E. S. (1954). Sequential tests for binomial and exponential populations. Biometrika 41, 252-253.
 Review: MR 19(1958), 1205
 Class.: B:tp:G 46

ANSELONE, PHILIP M. (1960). Persistence of an effect of a success in a Bernoulli sequence. J. Soc. Indust. Appl. Math. 8, 272-279.
 Review: MR 22(1961), 1020
 Class.: B:pc:G-P 47

ANSELONE, PHILIP M. and PORCELLI, P. (1960). Oscillatory limiting behavior of a random sequence. Amer. Math. Monthly 67, 565-566.
 Review: MR 22(1961), 1461
 Class.: MI:pc:G 48

APPEL, V. (1952). Companion nomographs for testing the significance of the difference between uncorrelated percentages. Psychometrika 17, 325-330.
 Users : Peterson, R. L. (1955)
 Class.: B:ctp-tc:G 49

ARBOUS, A. G. and KERRICH, J. C. (1951). Accident statistics and the concept of accident-proneness. Biometrics 7, 340-432.
 Users : Bliss, C. I. and Fisher, R. A. (1953), Arbous, A. G. and Sichel, H. S. (1954a), Arbous, A. G. and Sichel, H. S. (1954b), Taylor, W. F. (1956),

- Johnson, N. L. (1957a), Fitzpatrick, R. (1958), Gurland, J. (1959),
 Edwards, C. B. and Gurland, J. (1960), Edwards, C. B. and Gurland, J.
 (1961), Haight, F. (1964a), Subrahmaniam, K. (1964), Chatfield, C. Ehrenberg,
 A.S.C. and Goodhardt, G. J. (1965), Haight, F. (1965a), Mellinger, G.
 Sylwester, D. Gaffey, W. and Manheimer, D. (1965), Neyman, J. (1965),
 Shenton, L. R. and Myers, R. (1965), Chatfield, C., Ehrenberg, A.S.C.,
 Goodhardt, G. J. (1966)
 Class.: P-NB-N-MI:mi:A 50
- ARBOUS, A. G. and SICHEL, H. S. (1954a). The use of estimates of absence-
 proneness for guiding executive action. Appl. Statist. 3, 159-173.
 Class.: NB:rp:A 51
- ARBOUS, A. G. and SICHEL, H. S. (1954b). New techniques for the analysis of
 absenteeism data. Biometrika 41, 77-90.
 Users : Arbous, A. G. and Sichel, H. S. (1954a), Johnson, N. L. (1957a)
 Class.: NB-NM:gf.A 52
- ARCHIBALD, E. E. A. (1948). Plant populations. I. A new application of Neyman's
 contagious distribution. Ann. Bot. Lond., N. S. 12, 221-235.
 Users : Archibald, E.E.A. (1949a), Thomas, M. (1949), Bateman, G. I.
 (1950), Curtis, J. and McIntosh, R. (1950), Barnes, H. and Stanbury, F.
 (1951), Cain, S. A. and Evans, F. C. (1952), Grieg-Smith, P. (1952a),
 Skellam, J. G. (1952), Thomson, G. W. (1952), Beall, G. and Rescia, R. R.
 (1953), Bliss, C. I. and Fisher, R. A. (1953), Evans, D. A. (1953),
 Moore, P. G. (1953), David, F. N. and Moore, P. G. (1954), Moore, P. G.
 (1954b), Robinson, P. (1954), Pielou, E. C. (1957), Pielou, E. C. (1960)
 Class.: 53
- ARCHIBALD, E. E. A. (1949a). The specific character of plant communities.
 I. Herbaceous communities. J. Ecol. 37(2), 260-275.
 Class.: LS:mi:BM 54
- ARCHIBALD, E. E. A. (1949b). The specific character of plant communities.
 II. A quantitative approach. J. Ecol. 37(2), 274-288.
 Users : Brian, M. V. (1953)
 Class.: LS:mi:BM 55
- ARCHIBALD, E. E. A. (1950). Plant populations. II. The estimation of
 number of individuals per unit area of species in heterogeneous plant
 populations. Ann. Bot. Lond., N. S. 14, 7-21.
 Users : Skellam, J. G. (1952), Grieg-Smith, P. (1952a), Moore, P. G.
 (1953), Pielou, E. C. (1957), Pielou, E. C. (1960)
 Class.: 56
- ARFWEDSON, G. (1951). A probability distribution connected with Stirling's
 second class numbers. Skand. Aktuarietidskr. 34, 121-132.
 Review: MR13(1952), 956
 Class.: 57
- ARFWEDSON, G. (1955). Research in collective risk theory, Part II. Skand.
 Aktuarietidskr. 38, 53-100.
 Class.: 58

- ARMITAGE, P. (1957). Studies in the variability of pock counts. J. Hyg., Camb. 55, 564-581.
Class.: 59
- ARMITAGE, P. (1958). Numerical studies in the sequential estimation of a binomial parameter. Biometrika 45, 1-15.
Review: MR 19(1958), 1096
Users : Edwards, A.W.F.(1960a), Wasan, M. T. (1964), Wasan, M. T. (1965)
Class.: B:se-tc:G 60
- ARMITAGE, P. and SPICER, C. C. (1956). The detection of variation in host susceptibility in dilution counting experiments. J. Hyg., Camb. 54, 401-414.
Class.: 61
- ARMSEN, P. (1953). On the formula useful in the theory of negative binomial distribution. J. Nat. Inst. Personnn. Res. Johannesburg 5, 169-172.
Review: PA 29(1955), Ab.No. 1774
Class.: 62
- ASAI, A., MURAKAMI, M. and KAWAMURA, M. (1954). See Kawamura, M., Asai, A. and Murakami, M. (1954).
- ASHBY, E. (1935). The quantitative analysis of vegetation. Ann. Bot. Lond. 49, 779-802.
Users : Clapham, A. R. (1936), Singh, B. N. and Chalam, G. (1937), Stevens, W. L. (1937), Singh, B. N. and Chalam, G. (1939), Singh, B. N. and Das, K. (1939), Blackman, G. E. (1942), Fracker, S. B. and Brischle, H. (1944), Archibald, E.E.A. (1948), Dice, L. R. (1948), Archibald, E.E.A. (1950), Curtis, J. and McIntosh, R. (1950), Thomson, G. W. (1952), Clark, P. J. and Evans, F. C. (1954a)
Class.: 63
- ASHBY, E. (1936). Statistical ecology. Bot. Rev. 2, 221-235.
Users : Ashby, E. (1948), Archibald, E.E.A. (1949a), Curtis, J. and McIntosh, R. (1950), Barnes, H. and Marshall, S. M. (1951), Barnes, H. and Stanbury, F. (1951)
Class.: 64
- ASHBY, E. (1948). Statistical ecology. II. A reassessment. Bot. Rev. 14, 222-234.
Users : Archibald, E.E.A. (1949a), Barnes, H. & Marshall, S. M. (1951), Barnes, H. and Stanbury, F. (1951), Grieg-Smith, P. (1952b), Thomson, G. W. (1952), Thompson, H. R. (1958)
Class.: 65
- ATWOOD, E. L. (1956). Validity of mail survey data on bagged waterfowl. J. Wildlife Managem. 20(1), 1-16.
Class.: 66

- AUERBACH, S. I. (1951). The centipedes of the Chicago area with special reference to their ecology. Ecol. Monogr. 21(1), 97-124.
Class.: P:gf:BM 67
- AYYANGAR, A. A. K. (1934a). Note on the recurrence formulae for the moments of the point binomial. Biometrika 26, 262-264.
Users : Riordan, J. (1937), Patil, G. P. (1959)
Class.: B:m:G 68
- AYYANGAR, A. A. K. (1934b). A note on the incomplete moments of the hypergeometric series. Biometrika 26, 264-265.
Class.: H:m:G 69
- B -
- BABININ, B. V. (1952). A nomogram of the basic statistical distributions and its application to certain problems of sampling. (Russian). Akad. Nauk SSSR. Inzenernyi. Sbornik. 11, 169-180.
Class.: 70
- BAGENAL, T. B. (1951). A note on the papers of Elton and Williams on the generic relations of species in small ecological communities. J. Animal Ecol. 20(2), 242-245.
Class.: 71
- BAHADUR, R. R. (1958). Examples of inconsistency of maximum likelihood estimates. Sankhya 20, 207-210.
Users : Rao, C. R. (1958)
Class.: MI:pe:G 72
- BAHADUR, R. R. (1960). On the number of distinct values in a large sample from an infinite, discrete distribution. (Abstract). Ann. Math. Statist. 31, 1215.
Class.: No classification 73
- BAHADUR, R. R. (1960a). Some approximations to the binomial distribution function. Ann. Math. Statist. 31, 43-54.
Review: MR 22(1961), 1954
Users : Patil, G. P. (1963c), Broackwell, P. (1964), Mott-Smith, J. C. (1964), Govindarajulu, Z. (1965)
Class.: B:a:G 74
- BAHADUR, R. R. (1960b). On the number of distinct values in a large sample from an infinite discrete distribution. Proc. Nat. Inst. Sci. India Part A 26(2), 67-75.
Review: MR 25(1963), 147
Class.: MI-P-G:osp:G 75
- BAHN, RUDOLF (1937). Über den Grenzwert der Wahrscheinlichkeiten seltener Ereignisse. Deutsche Math. 2, 698-708.
Class.: 76

PAILAR, JOHN C. III (1964). Significance factors for the ratio of a Poisson variable to its expectation. Biometrics 20, 639-643.

Class.:

77

BAILEY, N. T. J. (1951). On estimating the size of mobile populations from recapture data. Biometrika 38, 293-306.

Users : Bailey, N.T.J. (1952), Chapman, D. G. (1952b), Craig, C. C. (1953a), Goodman, L. A. (1953), Chapman, D. G. (1954), Wohischley, D. E. (1954), Holt, S. J. (1955), Sen, P. K. (1960), Shenton, L. R. and Bowman, K. (1963), Pathak, P. K. (1964)

Class.: B-IH:pe:BM

78

BAILEY, N. T. J. (1951-2a). The estimation of the frequencies of recessives with incomplete multiple selection. Ann. Eugenics 16, 215-222.

Users : Bailey, N.T.J. (1951b), Gittelsohn, A. M. (1960)

Class.:

79

BAILEY, N. T. J. (1951-2b). A classification of methods of ascertainment and analysis in estimating the frequencies of recessives in man. Ann. Eugenics 16, 223-225.

Users : Bailey, N.T.J. (1951a), Krcoth, R. S. (1952)

Class.:

80

BAILEY, N. T. J. (1952). Improvements in the interpretation of recapture data. J. Animal Ecol. 21, 120-127.

Users : Chapman, D. G. (1954)

Class.: MI:pe:BM

81

BAILEY, N. T. J. (1953). The use of chain-binomials with a variable chance of infection for the analysis of intra-household epidemics. Biometrika 40, 279-286.

Users : Bailey, N.T.J. (1954), Bailey, N.T.J. (1956a), Bailey, N.T.J. (1956b), Bailey, N.T.J. (1956c), Taylor, W. F. (1956)

Class.: COB:gf:BM

82

BAILEY, N. T. J. (1954). Maximum-likelihood estimation of the relative removal rate from the distribution of the total size of an intra-housefold epidemic. J. Hyg., Camb. 52, 400-402.

Class.:

83

BAILEY, N. T. J. (1956a). On estimating the latent and infectious periods of measles. I. Families with two susceptibles only. Biometrika 43, 15-22.

Class.: COB:pe:BM

84

BAILEY, N. T. J. (1956b). On estimating the latent and infectious periods of measles. II. Families with three or more susceptibles. Biometrika 43, 322-331.

Users : Bailey, N.T.J. (1956a), Bailey, N.T.J. (1956c)

Class.: COB:pe:BM

85

- BAILEY, N. T. J. (1956c). Significance tests for a variable chance of infection in chain-binomial theory. Biometrika 43, 332-336.
Review: MR 19(1958), 932
Class.: COB:tp:BM 86
- BAKER, GEORGE A. and BRIGGS, FRED N. (1945). Wheat-bunt field trials. J. Amer. Soc. Agron. 37, 127-133.
Users : Baker, G. A. and Briggs, F. N. (1949).
Class.. B:mb-tp:BM 87
- BAKER, G. A. and BRIGGS, F. N. (1949). Wheat-bunt field trials, II. Proc. Berkeley Symp. Math. Statist. and Prob. 485-491.
Class.: 88
- BAKER, G. A., AMERINE, M. A. and ROESSLER, E. B. (1954). Errors of the second kind in organoleptic difference testing. Food Res. 19(2), 206-210.
Users : Baker, G. A., Amerine, M. A., Roessler, E. B. and Filipello, F. (1960)
Class.: B:tp:O 89
- BAKER, G. A., AMERINE, M. A. and ROESSLER, E. B. (1956). See Roessler, E. B. Baker, G. A., and Amerine, M. A. (1956)
- BAKER, G. A., AMERINE, M. A., ROESSLER, E. B. and FILIPELLO, F. (1960). The nonspecificity of differences in taste testing for preference. Food Res. 25(6), 810-816.
Class.: B:mi:S 90
- BALLANTINE, D. (1953). Comparison of the different methods of estimating nanoplankton. J. Marine Biol. Assoc. 32(1), 129-147.
Users : Kutkuhn, H. (1958)
Class.: 91
- BALLARIN, SILVIO (1948). Espressione rigoroso della scarto mediano nel problema delle prove ripetute nello schema di Bernoulli. Mem. Soc. Astronom. Ital. (N. S.) 19, 63-65.
Review: MR 9(1948), 450
Class.: 92
- BAMFORTH, S. S. (1958). Ecological studies on the planktonic protozoa of a small artificial pond. Limnology and Oceanography 3(4), 398-412.
Class.: 93
- BANCROFT, T. A., MCGUIRE, J. U. and BRINDLEY, T. A. (1957). See McGuire, J. U. Brindley, T. A. and Bancroft, T. A. (1957)
- BANERJEE, D. P. (1951). On some new recurrence formulae for cumulants of multivariate multinomial distributions. Proc. Indian Acad. Sci. 34, 20-23.
Review: MR 13(1952), 665
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: 94

- BANERJEE, D. P. (1959). On some theorems on Poisson Distribution. Proc. Nat. Acad. Sci. India Sect. A. 28, 30-33.
Review: MR 26(1963), 1066
Class.: 95
- BARDWELL, G. E. (1960). On certain characteristics of some discrete distributions. Biometrika 47, 473-475.
Users : Bardwell, G. E. (1961), Kamat, A. R. (1965)
Class.: R-P-NB-LS-G:osp:G 96
- BARDWELL, G. E. (1961). Certain discrete distributions. PH. D. Thesis, Univ. Colorado.
Class.: No classification 97
- BARDWELL, G. E. and CROW, E. L. (1964). A two-parameter family of hyper-Poisson distributions. J. Amer. Statist. Assoc. 59, 133-141.
Review: MR 28(1964), 337
Users : Bardwell, G. E. and Crow, E. L. (1965)
Class.: OPR:mb-m-pe-gf:G-BM 98
- BARDWELL, G. E. and CROW, E. L. (1965). See Crow, E. L. and Bardwell, G. E. (1965).
- BARGMANN, ROLF E. and CARTER, FREDERICK L. (1960). Group testing in binomial and multinomial situations. (Abstract). Virginia J. Sci. 11(4), 230.
Review: BA 37(1962), Ab.No. 12490
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: No classification 99
- BARNARD, G. A. (1946). Sequential tests in industrial statistics. J. Roy. Statist. Soc. Suppl. 8, 1-21.
Users : Wise, M. E. (1946), Plackett, R. L. (1948), Walker, A. M. (1950), Cox, D. R. (1953), Vogholkar, M. K. (1959), Vogholkar, M. K. and Wetherill, G. (1960), Bartko, J. J. (1961b), Cox, D. R. (1963), Ellner, H. (1963), Bennett, B. M. and Birch, B. (1964c)
Class.: MI:sqc:E
Notes : Discussion, J. Roy. Statist. Soc. Suppl. 8, 22-26 100
- BARNARD, G. A. (1954). Sampling inspection and statistical decisions. J. Roy. Statist. Soc. Ser. B 16, 151-174.
Users : Kemp, C. D. and Kemp, A. W. (1956b), Vogholkar, M. K. (1959), Cox, D. R. (1960), Hald, A. (1960), Vogholkar, M. and Wetherill, G. (1960), Wetherill, G. (1960a), Samuel E. (1963), Blischke, W. R. (1965).
Class.: COB:sqc:E 101
- BARNES, H. (1949a). A statistical study of the variation in vertical plankton hauls, with special reference to the loss of the catch with divided hauls. J. Marine Biol. Assoc. 28(2), 429-446.
Users : Barnes, H. and Marshall, S. M. (1951)
Class.: 102

- BARNES, H. (1949b). On the volume measurement of water filtered by a plankton pump, with some observations on the distribution of planktonic animals. J. Marine Biol. Assoc. 28(3), 651-662.
Users : Barnes H. and Marshall, S. M. (1951)
Class.: 103
- BARNES, H. (1952). The use of transformations in marine biological statistics. J. Conseil 18(1), 61-71.
Users : Schaefer, M. B. and Bishop, Y. M. (1958), Cassie, R. M. (1962)
Class.: 104
- BARNES, H. and MARSHALL, S. M. (1951). On the variability of replicate plankton samples and some applications of 'contagious' series to the statistical distribution of catches over restricted periods. J. Marine Biol. Assoc. 30(2), 233-263.
Users : Bliss, C. I. and Fisher, R. A. (1953), Comita, G. W. and Comita, J. J. (1957), Pielou, E. C. (1957), Jensen, P. (1959), Cassie, R. M. (1962)
Class.: P-N-T:gf:BM 105
- BARNES, H. and STANFURY, F. A. (1951). A statistical study of plant distribution during the colonization and early development of vegetation on china clay residues. J. Ecol. 39, 171-181.
Users : Barnes, H. and Marshall, S. M. (1951), Goodall, D. W. (1952), Skellam, J. G. (1952), Evans, D. A. (1953), MacFadyen, A. (1953), Pielou, E. C. (1957), Cassie, R. M. (1962)
Class.: P-N-T:cm-gf:BM 106
- BARNETT, B. N. and LINDLEY, D. V. (1965). See Lindley, D. V. and Barnett, B. N. (1965)
- BARRATT, T. and MARSDEN, E. (1911). See Marsden, E. and Barratt, T. (1911).
- BARTHOLOMEW, D. J. (1965). A comparison of some Bayesian and frequentist inferences. Biometrika 52, 19-35.
Class.: P:mi:G 107
- BARTKO, J. J. (1961a). The negative binomial distribution. Master's Thesis, Virginia Polytechnic Institute.
Users : Nelson, W. C. and David, H. A. (1964)
Class.: No. Classification 108
- BARTKO, J. J. (1961b). The negative binomial distribution: a review of properties and applications. Virginia J. Sci. (N.S.) 12, 18-37.
Review: MR 23A(1962), 122; BA 36(1961), Ab.No. 62674
Users : Bartko, J. J. (1962), Chew, V. (1964), Chatfield, C. Ehrenberg, A.S.C. and Goodhardt, G.J. (1965), Shenton, L. R. and Myers R. (1965), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1966)
Class.: NB:mi:G 109

- BARTKO, J. J. (1962). A note on the negative binomial distribution. Tech-nometrics 4, 609-610.
Class.: NB:m1:G 110
- BARTLETT, M. S. (1947). The use of transformations. Biometrics 3, 39-52
Users : Anscombe, F. J. (1948), Mosteller, F. and Tukey, J. W. (1949),
Freeman, M. F. and Tukey, J. W. (1950), David, F. N. (1955a), Bennett, B. M.
(1957b), Schultz, V. and Byrd, M. A. (1957), Forsythe, H. Y. and Gyrisco,
G. (1961)
Class.: B-P-MI:anovat:G 111
- BARTLETT, M. S. (1960). Stochastic population models. John Wiley & Sons, Inc.
Class.: No classification 112
- BARTLETT, M. S. (1963). The spectral analysis of point processes. J. Roy.
Statist. Soc. Ser. B 25, 264-296.
Class.: 113
- BARTON, D. E. (1955). A form of Neyman's χ^2 test of goodness of fit
applicable to grouped and discrete data. Skand. Aktuarietidskr. 38, 1-16.
Class.: MI:gf:G 114
- BARTON, D. E. (1957). The modality of Neyman's contagious distribution of
type A. (Spanish summary). Trabajos. Estadist. 8, 13-22.
Review: MR 19(1958), 188
Users : Douglas, J. B. (1965)
Class.: N:osp:G 115
- BARTON, D. E. (1958). The matching distributions: Poisson limiting forms
and derived methods of approximation. J. Roy. Statist. Soc. Ser. B 20,
73-92.
Review: MR 20(1959), 1200
Users : Govindarajulu, Z. (1965)
Class.: MI-P:m-a:G 116
- BARTON, D. E. (1961). Unbiased estimation of a set of probabilities.
Biometrika 48, 227-229.
Users : Glasser, G. J. (1962b)
Class.: B-P:pe:G 117
- BARTON, D. E. and DAVID, F. N. (1956). Spearman's rho and the matching
distribution. Brit. J. Statist. Psychol. 9, 69-73.
Class.: 118
- BARTON, D. E. and DAVID, F. N. (1957). Multiple runs. Biometrika 44, 168-178.
Review: MR 19(1958), 70
Users : Barton, D. E. (1958), Barton, D. E. and David, F. N. (1959c),
Patil, G. P. and Bildikar, S. (1966a)
Class.: P-B:a:G
Notes : Corrigenda. Biometrika 44, 534 119

- BARTON, D. E. and DAVID, F. N. (1959a). Contagious Occupancy. J. Roy. Statist. Soc. Ser. B 21, 120-133.
 Users : Barton, D. and David, F. N. (1959), Blischke, W. R. (1965),
 Blischke, W. R. (1965)
 Class.: B-P-NB:mb-a-h:G 120
- BARTON, D. E. and DAVID, F. N. (1959b). The dispersion of a number of species. J. Roy. Statist. Soc. Sec. B 21, 190-194.
 Class.: MI:mb:G 121
- BARTON, D. E. and DAVID, F. N. (1959c). Combinatorial extreme value distributions. Mathematika 6, 63-76.
 Review: MR 22(1961), 1020
 Class.: M:os:G 122
- BARTON, D. E. and DAVID, F. N. (1959d). A collector's problem. Trabajos Estadist. 10, 75-88.
 Review: MR 22(1961), 179
 Users : MacArthur, R. (1957), Barton, D. E. (1958), Blyth, C. R. and Curme, G. L. (1960)
 Class.: MI:m-a-osp:G 123
- BARTON, D. E. and DAVID, F. N. (1962). See David, F. N. and Barton, D. E. (1962).
- BARTON, D. E., DAVID, F. N. and MERRINGTON, M. (1960). Tables for the solution of the exponential equation, $\exp(-a) + ka = 1$. Biometrika 47, 439-445.
 Class.: TCP-OMR:tc:G 124
- BASARIN, G. P. (1959). On a statistical estimate for the entropy of a sequence of independent random variables. Teor. Veroyatnost. i Primenen. 4, 361-364.
 Review: MR 22(1961), 528
 Class.: 125
- Basu, D. (1951). On the limit points of relative frequencies. Sankhyā 11, 379-382.
 Class.: B:mi:G 126
- BASU, D. (1952). On the minimax approach to the problem of estimation. Proc. Nat. Inst. Sci. India 18, 287-299.
 Review: MR 14(1953), 666
 Class.: P:pe:G 127
- BASU, D. (1955). A note on the structure of a stochastic model considered by V. M. Dandekar. Sankhyā 15, 251-252.
 Class.: OBR:pc:G 128

- BASU, D. (1958). On sampling with and without replacement. Sankhya 20, 287-294.
Review: MR 21(1960), 837
Class.: MI:mi:O 129
- BASU, D. and MITRA, S. K. (). A note on unbiased estimation of the binomial proportion. Proc. Nat. Inst. Sci. India
Class.: 130
- BATEMAN, G. I. (1950). Power of the χ^2 index of dispersion test when Neyman's contagious distribution is the alternative hypothesis. Biometrika 37, Users: Thomas, M. (1951), David, F. N. and Moore, P. G. (1954), Darwin, J. H. (1957), Bennett, B. M. (1959)
Class.: P-N:ld:G 131
- BATEMAN, H. (1910). On the probability distribution of particles. Philos. Mag. 20, 704-707.
Class.: 132
- BATEN, W. D. (1933). A statistical study of the *Daucus Carota* L. I. Biometrika 25, 186-195.
Class.: MI:mi:EM 133
- BATEN, W. D. (1934). A statistical study of the *Daucus Carota* L. II. Biometrika 26, 443-468.
Class.: MI:mi:EM 134
- BATEN, W. D. (1935a). Constancy in the number of Ligulate flowers of *Chrysanthemum Leucanthemum*, variety *Pinnatifidum*, during the flowering season. Biometrika 27, 260-266.
Class.: MI:mi:EM 135
- BATEN, W. D. (1935b). Influence of position on structure of inflorescences of *zizia aurea*. Papers Michigan Acad. Sci. Arts and Letters 21, 33-58.
Class.: MI:mi:EM 136
- BATEN, W. D. (1936). Influence of position on structure of inflorescences of *cicuta maculata*. Biometrika 28, 64-85.
Class.: MI:mi:EM 137
- BATES, G. E. (1955). Joint distributions of time intervals for the occurrence of successive accidents in a generalized Polya scheme. Ann. Math. Statist. 26, 705-720.
Users: Taylor, W. F. (1956), Fitzpatrick, R. (1958), Haight, F. (1965a), Neyman, J. (1965)
Class.: MI:tp:A 138

- BATES, G. E. and NEYMAN, J. (1952a). Contributions to the theory of accident proneness. I. An optimistic model of the correlation between light and severe accidents. Univ. California Publ. Statist. 1, 215-253.
Review: MR 14(1953), 389
Users : Bates, G. E. and Neyman, J. (1952b), Goldberg, S. (1954), Bates, G. E. (1955), Johnson, N. L. (1957a), Fitzpatrick, R. (1958), Edwards, C. B. and Gurland, J. (1960), Mosimann, J. E. (1963), Subrahmaniam, K. (1964), Haight, F. (1965a), Mellinger, G., Sylvester, D., Gaffey, W., and Manheimer, D. (1965) Neyman, J. (1965), Patil, G. P. and Bildikar, S. (1966a)
Class.: 139
- BATES, G. E. and NEYMAN, J. (1952b). Contributions to the theory of accident proneness. II. True or false contagion. Univ. California Publ. Statist. 1, 255-275.
Review: MR 14(1953), 390
Users : Fitzpatrick, R. (1958), Gurland, J. (1959), Subrahmaniam, K. (1964), Neyman, J. (1965), Patil, G. P. and Bildikar, S. (1966a)
Class.: PO-MI:mb-cm:A 140
- BATICLE, E. (1950). Interpretation of results of tests of a sample. Genie Civil 77, 246-248
Review: AMR 4(1951), Rev.No. 3446
Class.: 141
- BATICLE, E. (1951). Sur la probabilité des iterations dans le schéma de Bernoulli. C. R. Acad. Sci. Paris 232, 472-473.
Class.: B:mi:G 142
- BAUMHOVER, A. H., GRAHAM, A. J., BITTER, B. A., HOPKINS, D. E., NEW, W. D. DUDLEY, F. H. and BUSHLAND, R. C. (1955). Wire-worm control through release of sterilized flies. J. Econ. Ent. 48, 462-466.
Class.: 143
- BAVLI, G. M. (1935). Eine Verallgemeinerung des Poissonschen Grenzwertsatzes. (Russian. German summary). Comptes Rendus de l'Academie des Sciences d'URSS 2, 508-511.
Users : Govindarajulu, Z. (1965)
Class.: 144
- BEALL, G. (1935). Study of arthropod populations by the method of sweeping. Ecology 16, 216-225.
Users : Beall, G. (1940), Cole, L. C. (1946), Auerbach, S. I. (1951), Whittaker, R. H. (1952), Jensen, P. (1959)
Class.: P:h:BM 145
- BEALL, G. (1940). The fit and significance of contagious distributions when applied to observations on larval insects. Ecology 21, 460-474.
Users : Fracker, S. B. and Brischle, H. (1944), Cole, L. C. (1946a), Cole, L. C. (1946b), Bowen, M. F. (1947), Anscombe, F. J. (1950a), Wadley, F. M. (1950), Barnes, H. and Marshall, S. M. (1951), Skellam, J. (1952),

- Beall, G. and Rescia, R. R. (1953), Bliss, C. I. and Fisher, R. A. (1953), Evans, D. A. (1953), Barton, D. E. (1957), McGuire, J., Brindley, T. A. and Bancroft, T. A. (1957), Gurland, J. (1958), Cohen, A. C., Jr. (1959c), Gurland, J. (1959), Jensen, P. (1959), Cohen, A. C. (1960c), Katti, S. K. (1960d), Martin, D. C. and Katti, S. K. (1962a), Martin, D. C. and Katti, S. K. (1962b), Blischke, W. R. (1965), Blischke, W. R. (1965), Katti, S. K. and Sly, L. E. (1965), Martin, D. and Katti, S. (1965)
Class.: P-N-MI:gf:BM 146
- BEALL, G. (1954). Data in binomial or near-binomial distribution: with particular application to problems in entomological research. Statist. and Math. in Biology, Ed. by Kempthorne, Bancroft, Gowen and Lush, Iowa State College Press, Ames, Iowa. pp. 295-302.
Class.: B-P-NB-N-MI:gf-anovat:BM 147
- BEALL, GEOFFREY and COBB, SIDNEY (1961). The frequency distribution of episodes of rheumatoid arthritis as shown by periodic examination. J. Chron. Dis. 14, 291-310.
Class.: MI:gf:BM 148
- BEALL, G. and RESCIA, R. R. (1953). A generalization of Neyman's contagious distributions. Biometrics 9, 354-386.
Review: MR 15(1954), 239
Users : Douglas, J. B. (1955), Bliss, C. I. (1958), Gurland, J. (1958), Cohen, A. C., Jr. (1959c), Jensen, P. (1959), Waters, W. E. and Hensen, W. R. (1959), Cohen, A. C. (1960c), Shumway, R. and Gurland, J. (1960c), Katti, S. K. (1960d), Shumway, R. and Gurland, J. (1960b), Bardwell, G. E. (1961), Katti, S. K. and Gurland, J. (1961), Khatri, C. G. and Patel, I. R. (1961), Yassky, D. (1962), Subrahmaniam, K. (1964), Blischke, W. R. (1965), Blischke, W. R. (1965), Crow, E. L. and Bardwell, G. E. (1965), Gurland, J. (1965), Kemp, C. D. and Kemp, A. W. (1965)
Class.: N-MI:gf:BM 149
- BEAZLEY, R. and SHIUE, C-J. (1957). See Shiue, C-J. and Beazley, R. (1957)
- BECHHOFFER, R. E. and SOBEL, M. (1956). A sequential multiple decision procedure for selecting the multinormal event with the largest probability. (Preliminary report) (Abstract). Ann. Math. Statist. 27, 861.
Users : Bechhofer, R. E., Elmaghraby, S. and Morse, N. (1959)
Class.: No classification 150
- BECHHOFFER, R. E., ELMAGHRABY, SALAH and MORSE, NORMAN (1959). A single-sample multiple-decision procedure for selecting the multinomial event which has the highest probability. Ann. Math. Statist. 30, 102-119.
Users : Keststein, H. and Morse, N. (1959)
Class.: M:mi:G 151

- BECKER, R. M. and HAZEN, S. W., JR. (1961). Particle statistics of infinite populations as applied to mine sampling. Rep. of Investigations, 5669
U. S. Dept. of the Interior, Bureau of Mines, pp. 79.
Class.: No classification 152
- BECKMANN, M. J. and BOBKOSKI, F. (1958). Airline demand: An analysis of some frequency distributions. Naval Res. Logist. Quart. 5, 43-51.
Class.: 153
- BEEVEY, E. S., JR. (1941). Limnological studies in Connecticut. IV. The quantity and composition of the bottom fauna of thirty-six Connecticut and New York lakes. Ecol. Monogr. 11(4), 413-455.
Class.: P:mi:BM 154
- BEHRENS, D. J. (1952). The fitting of a distribution curve of known shape, but arbitrary origin and scale. Tech. Rep. 629, Atomic Energy Res. Establ. H.M.S.O., London, pp. 42.
Class.: 155
- BELYAEV, P. F. (1964a). The probability of non-occurrence of a given number of outcomes. Teor. Veroyatnost. i Primenen. 9, 541-547.
Class.: MI-P:pc-a:G 156
- BELYAEV, P. F. (1964b). The probability of non-occurrence of a given number of outcomes. Theor. Probability Appl. 9, 489-496.
Class.: MJ-P:pc-a:G 157
- BENEDETTI, C. (1956). Sulla rappresentabilità di una distribuzione binomiale mediante una distribuzione B e viceversa. Metron 18(1-2), 121-131.
Review: MR 18(1957), 606
Users: Johnson, N. L. (1960)
Class.: B:a:G 158
- BENES, V. E. (1957). On queues with Poisson arrivals. Ann. Math. Statist. 28, 670-677.
Class.: 159
- BENNETT, B. M. (1956). Note on the Poisson index of dispersion. Trabajos Estadist. 7, 183-185.
Review: MR 18(1957), 522
Class.: P:ld:G 160
- BENNETT, B. M. (1957a). Note on the method of inverse sampling. (Spanish summary). Trabajos Estadist. 8, 29-31.
Review: MR 19(1958), 89
Class.: NB:m:G 161
- BENNETT, B. M. (1957b). On the variance stabilizing properties of certain logarithmic transformations. Trabajos Estadist. 8, 69-74.
Class.: B:anovat:G 162

- BENNETT, B. M. (1959). A sampling study on the power function of the χ^2 'index of dispersion' test. J. Hyg. Camb. 57, 360-365. BE
 Users : Bennett, B. M. and Hsu, P. (1961), Bennett, B. M. (1962a)
 Class.: P: id:G 163
- BENNETT, B. M. (1962a). On a heuristic treatment of the 'indices of dispersion'. BE
Ann. Inst. Statist. Math. Tokyo 14, 151-157.
 Class.: B-P: anovat- id- h:G 164
- BENNETT, B. M. (1962b). On an exact test for trend in binomial trials and its BE
 power function. Metrika 5, 49-53.
 Review: MR 24A(1962), 704
 Users : Bennett, B. M. (1964b)
 Class.: B: h:G 165
- BENNETT, B. M. (1962c). Note on an exact test for the 2 x 2 contingency table BE
 using the negative binomial model. Metrika 5, 154-157.
 Users : Bennett, B. M. (1964b), Bennett, B. M. and Birch, B. (1964c)
 Class.: 166 BE
- BENNETT, B. M. (1963). Optimum moving averages for the estimation of median
 effective dose in bioassay. J. Hyg. Camb. 61, 401-406.
 Class.: 167
- BENNETT, B. M. (1964a). A non-parametric test for randomness in a sequence BE
 of multinomial trials. Biometrics 20, 182-190.
 Review: MR 28(1964), 1068
 Class.: 168
- BENNETT, B. M. (1964b). On a test of homogeneity for samples from a negative
 binomial distribution. Metrika 8, 1-4. BE
 Class.: NB: h:G 169
- BENNETT, B. M. and BIRCH, B. (1964). Sampling inspection tables for comparison
 of two groups using the negative binomial model. Trabajos Estadist. 15, 1-12.
 Class.: NB: ctp- tc:G 170
- BENNETT, B. M. and HSU, P. (1960). On the power function of the exact test for BE
 the 2 x 2 contingency table. Biometrika 47, 393-398.
 Users : Bennett, B. M. (1962), Bennett, B. M. (1962b), Bennett, B. M.
 (1964b), Harkness, W. L. (1965) BE
 Class.: OH: R: h:G 171
- BENNETT, B. M. and HSU, P. (1961). A sampling study of the power function of
 the binomial χ^2 'index of dispersion' test. J. Hyg. Camb. 59(4), 449-455.
 Review: RA 38(1962), Ab. No. 12623
 Users.: Bennett, B. M. and Hsu, P. (1962) 172 BE
 Class.: 172

- BENNETT, B. M. and HSU, P. (1962). Sampling studies on a test against trend in binomial data. Metrika 5, 96-104.
Class.: B:h:G 173
- BENNETT, R. W. (1962). Sizes of the χ^2 test in the multinomial distribution. Austral. J. Statist. 4, 86-88.
Class.: 174
- BENSON, F. and COX, D. R. (1951). The productivity of machines requiring attention at random intervals. J. Roy. Statist. Soc. Ser. B. 13, 65-82.
Users : Bharucha-Reid, A. T. (1958)
Class.: MI-TCP:mb:E 175
- BENSON, F. and GREGORY, G. (1961). Some properties of a disguised Poisson distribution. Operations Res. 9, 901-903.
Class.: MI:pc-osp:G 176
- BENSON, ROBERT and GUTZMAN, WAYNE (1961). Variation of the parameters of the sequential test as applied to the binomial distribution. (Abstract).
Proc. South Dakota Acad. Sci. 40, 235-238.
Review: BA 38(1962), Ab.No. 12624
Class.: No classification 177
- BERKSON, JOSEPH (1938). Some difficulties of interpretation encountered in the application of the Chi-square test. J. Amer. Statist. Assoc. 33, 526-536.
Users: Cochran, W. G. (1954), Hoel, P. G. (1947), Turner, M. E. and Eadie, G. S. (1957)
Class.: P:gf:P 178
- BERKSON, JOSEPH (1940). A note on the Chi-square test, the Poisson and the binomial. J. Amer. Statist. Assoc. 35, 362-367.
Users : Cochran, W. G. (1954), Hoel, P. G. (1947), Schilling, W. (1947), Turner, M. E. and Eadie, S. (1957)
Class.: P:gf:P 179
- BERKSON, JOSEPH, DEWS, PETER B. and HIGGINS, GEORGE M. (1954). See Dews, Peter B., Higgins, George M. and Berkson, Joseph (1954)
- BERKSON, JOSEPH, MAGATH, THOMAS B. and HURN, MARGARET (1935). Laboratory standards in relation to chance fluctuations of the Erythrocyte count as estimated with the hemocytometer. J. Amer. Statist. Assoc. 30, 414-426.
Users : Birnbaum, A. (1954b), Turner, M. E. and Eadie, S. (1957)
Class.: 180
- BERLJAND, J. S., NAZAROV, I. M. and PRESSMAN, A. JA. (1962). i^n distribution or mixed Gauss- Poisson distribution. (Russian). Dokl. Akad. Nauk SSSR 147, 1005-1007.
Review: MR 26(1963), 1077
Class.: 181

- BEZEM, J. J. (1954). A sequential method for testing interaction of two factors producing the same all-or-none effect. Nederl. Akad. Wetensch. Proc. Ser. A. 57, (Indag. Math. 16), 424-431.
Review: MR 16(1955), 273
Class.:
- BHARUCHA-REID, A. T. (1958). Comparison of populations whose growth can be described by a branching stochastic process - with special reference to a problem in epidemiology. Sankhya 19, 1-14.
Class.: MI:pc-ctp:G-BM-P-E-S 183
- BHAT, U. N. (1965). On a stochastic process occurring in queueing systems. J. Appl. Prob. 2, 467-469.
Class.: 184
- BHATTACHARJI, A. K. (1959). A note on a stochastic model for dependent binomial events. (Abstract). Math. Student 27, 276
Class.: No classification 185
- BHATTACHARYYA, A. (1943). On a measure of divergence between two statistical populations defined by their probability distributions. Bull. Calcutta Math. Soc. 45, 99-109.
Review: MR 6(1945), 7
Class.: M:ctp:G 186
- BHATTACHARYYA, A. (1946). On a measure of divergence between two multinomial populations. Sankhya 7, 401-406.
Users: Poti, S. J. (1955), Patil, G. P. and Bildikar, S. (1966a)
Class.: M:ctp:G 187
- BHATTACHARYYA, A. (1954). Notes on the use of unbiased statistics in the binomial population. Bull. Calcutta Statist. Assoc. 5, 149-164.
Users: Haldane, J.B.S. (1956b), Sirazhdinov, S. H. (1956)
Class.: 188
- BHATTACHARYYA, M. N. and IYER, P. V. K. (1955). See Iyer, P. V. K. and Bhattacharyya, M. N. (1955)
- BHATTACHARYYA, S. K. and HOLLA, M. S. (1965). On a discrete distribution with special reference to the theory of accident proneness. J. Amer. Statist. Assoc. 60, 1060-1066.
Class.: COP:mb-osp:G-A 189
- BILDIKAR, SHEELA (1966). Certain contributions to multivariate distributions theory. Ph. D. Thesis, McGill Univ.
Class.: No classification 190

- BILDIKAR, SHEELA and PATIL, G. P. (1965). See Patil, G. P. and Bildikar, Sheela (1965).
- BILDIKAR, SHEELA and PATIL, G. P. (1966a). See Patil, G. P. and Bildikar, Sheela (1966a).
- BILDIKAR, SHEELA and PATIL, G. P. (1966b). See Patil, G. P. and Bildikar, Sheela (1966b).
- BILLEWICZ, W. Z. (1956). Matched pairs in sequential trials for significance of a difference between proportions. Biometrics 12, 283-300.
Class.: B:ctp:G 191
- BINET, F. E. (1953). The fitting of the positive binomial distribution when both parameters are estimated from the sample. Ann. Eugenics 18, 117-119.
Review: MR 15(1954), 240; PA 28(1954), Ab.No. 3559
Class.: B-P:gf:G-E 192
- BINET, F. E. and LESLIE, R. T. (1960). The coefficient of inbreeding in case of repeated full-sib-matings. J. Genetics 57, 127-130.
Class.: MI:mi:BM 193
- BINET, F. E., LESLIE, R. T., WALINER, S. and ANDERSON, R. L. (1956). A comparison of discrete and continuous models in agricultural production analysis. Methodological Procedures in the Economic Analysis of Fertilizer use data, Iowa State College Press, pp. 39-61.
Class.: 194
- BIRCH, B. and BENNETT, B. M. (1964). See Bennett, B. M. and Birch, B. (1964).
- BIRCH, M. W. (1963). An algorithm for the logarithmic series distribution. Biometrics 19, 651-652.
Class.: 195
- BIRCH, M. W. (1964). A new proof the Pearson-Fisher theorem. Ann. Math. Statist. 35, 817-823.
Class.: M:gf:G 196
- BIRNBAUM, ALLAN (1952). Sequential tests and estimates for comparing Poisson populations. (Abstract). Ann. Math. Statist. 23, 645.
Class.: No classification 197
- BIRNBAUM, ALLAN (1953). Some procedures for comparing Poisson processes or populations. Biometrika 40, 447-449.
Review: MR 15(1954), 331
Users: Birnbaum, Allan (1954b)
Class.: P-B:ctp:G 198

- BIRNBAUM, ALLAN (1954a). Confidence intervals of fixed length for the Poisson mean and the difference between two Poisson means. (Abstract). Ann. Math. Statist. 25, 171.
Class.: No classification 199
- BIRNBAUM, ALLAN (1954b). Statistical methods for Poisson processes and exponential populations. J. Amer. Statist. Assoc. 49, 254-266.
Users : Ellner, H. (1963), Knight, W. (1965).
Class.: P:pc-tp-ctp:G 200
- BIRNBAUM, ALLAN and GUTHRIE, D. (1956). Tables for estimating a proportion or a Poisson mean with prescribed precision. Tech. Rep. 25, Applied Math. and Statist. Lab., Stanford Univ.
Users : Cacoullos, T. (1962)
Class.: 201
- BIRNBAUM, ALLAN and HEALY, WILLIAM C., JR. (1960). Estimates with prescribed variance based on two-stage sampling. Ann. Math. Statist. 31, 662-676.
Review: MR 22(1961), 1464
Class.: H-B-P:pe-mi:G 202
- BIRNBAUM, Z. W. (1949). Effect of linear truncation in a multinormal population. (Abstract). Ann. Math. Statist. 20, 464.
Class.: No classification 203
- BIRNBAUM, Z. W. and CHAPMAN, D. G. (1950). On optimum selections from multinormal populations. (Abstract). Ann. Math. Statist. 21, 141.
Class.: No classification 204
- BIRNBAUM, Z. W. and MEYER, PAUL L. (1951). The moments of a multinormal distribution after one-sided truncation of some or all coordinates. (Abstract). Ann. Math. Statist. 22, 140.
Class.: No classification 205
- BIRNBAUM, Z. W., PAULSON, E. and ANDREWS, F. C. (1948). Estimation of parameters for truncated multinormal distributions. (Abstract). Ann. Math. Statist. 19, 428.
Class.: No classification 206
- BISBEE, E. F. and OLIVER, R. M. (1962). See Oliver, R. M. and Bisbee, E. F. (1962).
- BISHIR, JOHN (1962). Maximum population size in a branching process. Biometrics 18, 394-403.
Class.: MI:pc:BM-P 207
- BISHOP, Y. M. M. and MARGOLIS, L. (1955). A statistical examination of Anisakis larvae (Nematoda) in herring (*Cupea pallas*) of the British Columbia coast. J. Fisheries Res. Board Canada 12(4), 571-592.
Class.: 208

BISHOP, Y. M. M. and SCHAEFER, M. B. (1958). See Schaefer, M. B. and Bishop, Y.M.M. (1958).

BISSINGER, BARNARD H. (1965). A type-resisting distribution generated from considerations of an inventory decision model. Classical and Contagious Discrete Distributions, ed. by G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 15-17
Class.: MI:m:G 209

BITTER, B. A., HOPKINS, D. E., NEW, W. D., DUDLEY, F. H., BUSHLAND, R. C., BAUMHOVER, A. H., and GRAHAM, A. J. (1955). See Baumhover, A. H., Graham, A. J., Bitter, B. A., Hopkins, D. E., New W. D., Dudley, F. H. and Bushland, R. C. (1955).

BIZARD, G. and SEGUINOT, J. (1954). Solution of statistical problems of Poisson accumulation by electronic analogy. Nuovo Cimento 20, 836-844.
Review: SA 64A(1961), Ab.No. 15396
Class.: 210

BLACKMAN, G. E. (1935). A study of statistical methods of the distribution of species in grassland associations. Ann. Bot. Lond. 49, 749-777.
Users : Ashby, E. (1936), Clapham, A. R. (1936), Singh, B. N. and Chalam, G. (1937), Singh, B. N. and Chalam, G. (1938), Singh, B. N. and Das, K. (1939), Fracker, S. B. and Brischke, H. (1944), Williams, C. B. (1944b), Archibald, E.E.A. (1948), Dice, L. R. (1948), Whitford, P. B. (1949), Archibald, E.E.A. (1950), Curtis, J. and McIntosh, R. (1950), Barnes, H. and Stanbury, F. (1951), Grieg-Smith, P. (1952a), Skellam, J. G. (1952), Thomson, G. W. (1952), Bliss, C. I. and Fisher, R. A. (1953), David, F. N. and Moore, P. G. (1954), Robinson, P. (1954), Kemp, C. D. and Kemp, A. W. (1956a), Smith, J.H.G. and Ker, J. W. (1957)
Class.: 211

BLACKMAN, G. E. (1942). Statistical and ecological studies in the distribution of species in plant communities. I. Dispersion as a factor in the study of changes in plant populations. Ann. Bot., Lond. (N.S.) 6, 351-370.
Users : Archibald, E.E.A. (1950), Barnes, H. and Marshall, S. M. (1951), Barnes, H. and Stanbury, F. (1951), Grieg-Smith, P. (1952b), Thomson, G. W. (1952)
Class.: 212

BLACKWELL, D. (1951a). On the translation parameter problem for discrete variables. (Abstract). Ann. Math. Statist. 22, 138.
Class.: No classification 213

BLACKWELL, D. (1951b). On the translation parameter problem for discrete variables. Ann. Math. Statist. 22, 393-399.
Review: MR 13(1952), 260
Class.: MI:pe:G 214

- BLACKWELL, D. (1957). On discrete variables whose sum is absolutely continuous. Ann. Math. Statist. 28, 520-521.
 Review: MR 19(1958), 467
 Class.: MI:pc-a:G 215
- BLACKWELL, D. and HODGES, J. L., JR. (1959). The probability in the extreme tail of a convolution. Ann. Math. Statist. 30, 1113-1120.
 Users: Williams, E. J. (1961b), Hald, A. (1962),
 Hald, A. and Kousgaard, E. (1963), Hald, A. (1964), Hald, A. (1964),
 Govindarajulu, Z. (1965), Hald, A. (1965),
 Class.: MI:mi:G 216
- BLANC-LAPIERRE, A. (1951). Notes on Poisson distributions. (Spanish).
Rev. Un. Mat. Argentina 15, 3-6.
 Review: MR 15(1954), 138 217
 Class.:
- BLANC-LAPIERRE, A. and FORTET, R. (1955). Sur les répartition de Poisson.
C. R. Acad. Sci. Paris 240, 1045-1046.
 Users: Prekopa, A. (1957a)
 Class.: OPR:osp:G 218
- BLANK, A. A. (1956). Existence and uniqueness of a uniformly most powerful randomized unbiased test for the binomial. Biometrika 43, 465-466.
 Review: MR 18(1957), 426
 Class.: B:tp:G 219
- BLENCH, T. and LATIF, ABDUL (1950). Poisson frequency distribution applied to peak floods. Proc. First Pakistan Statist. Conf. 59-61.
 Class.: 220
- BLENK, H. (1951). Poissonsche Verteilungskurven bei Versuchen mit Drill maschinen. Z. Angew. Math. Mech. 31, 257-258.
 Class.: 221
- BLISCHKE, W. R. (1962). Moment estimators for the parameters of a mixture of two binomial distributions. Ann. Math. Statist. 33, 444-454.
 Review: MR 25(1962), 141
 Users: Teicher, H. (1963), Blischke, W. R. (1964), Blischke, W. R. (1965)
 Class.: CB:pe:G 222
- BLISCHKE, W. R. (1964). Estimating the parameters of mixtures of binomial distributions. J. Amer. Statist. Assoc. 59, 510-528.
 Review: MR 28(1964), 1065
 Users: Blischke, W. R. (1965)
 Class.: CB:pe:G 223

- BLISCHKE, W. R. (1965). Mixtures of discrete distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 351-372.
Class.: MI:mi-pe-tp:G 224
- BLISS, C. I. (1938). The transformation of percentages for use in the analysis of variance. Ohio J. Sci. 38, 9-12.
Users : Cochran, W. G. (1940), Curtiss, J. H. (1943a)
Class.: B:anovat:G 225
- BLISS, C. I. (1941). Statistical problems in estimating populations of Japanese beetle larvae. J. Econ. Ent. 34(2), 221-231.
Review: BA 17(1943), Ab.No. 360
Users : Bowen, M. F. (1947), Fracker, S. B. and Brischle, H. (1944)
Class.: 226
- BLISS, C. I. (1948). Estimation of the mean and its error from incomplete Poisson distributions. Bull. 513, Connecticut Agri. Expt. Stn., New Haven, pp. 1-12.
Users : Hartley, H. O. (1958), Moore, P. G. (1952), Murakami, M., Asai, A. and Kawamura, M. (1954)
Class.: P:pe-gf-tc:G-BM 227
- BLISS, C. I. (1958). The analysis of insect counts as negative binomial distributions. Proc. 10th Int. Congr. Entom. 2, 1015-1032.
Users : Waters, W. (1959)
Class.: NB-P:pe-gf-anovat:BM 228
- BLISS, C. I. (1965). An analysis of some insect trap records. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 385-397.
Class.: LS-COP:gf:BM 229
- BLISS, C. I. and CALHOUN, D. W. (1954). An outline of biometry. Yale Co-op. Corp. New Haven.
Class.: 230
- BLISS, C. I. and FISHER, R. A. (1953). Fitting the negative binomial distribution to biological data, note on the efficient fitting of the negative binomial. Biometrics 9, 176-200.
Review: MR 14(1953), 1102 and 1104
Users : Sampford, M. R. (1955), Waters, W. E. (1955), Kemp, C. D. and Kemp, A. W. (1956a), McGuire, J., Brindley, T. A. and Bancroft, T. A. (1957), Comita, G. W. and Comita, J. J. (1957), Smith, J.H.G. and Ker, J. (1957), Bliss, C. I. (1958), Bliss, C. I. and Owen, A.R.G. (1958), Gurland, J. (1958), Hartley, H. O. (1958), Kutkuhn, J. H. (1958), Sprott, D. A. (1958), Cohen, A. C. (1959d), Gurland, J. (1959), Hairston, N. G. (1959), Patil, G. P. (1959), Waters, W. (1959), Edwards, A.W.F. (1960a), Griffiths, J. C. (1960), Katti, S. K. (1960d), Patil, G. P. (1960c), Pielou, E. C.

(1960), Hayman, B. I. and Love, A. D. (1961), Katti, S. K. and Gurland, J. (1961), Khatri, C. G. (1961), Martin, L. (1961), Cassie, R. M. (1962), Katti, S. K. and Gurland, J. (1962b), Pielou, E. C. (1962), Rider, P. R. (1962a), Rider, P. R. (1962b), Blischke, W. R. (1965), Katti, S. K. and Sly, L. E. (1965), Kemp, D. C. and Kemp, A. W. (1965), Shenton, L. R. and Myers, R. (1965), Sprott, D. A. (1965b)

Class.: NS-N-T-LS:pe:GF

231

BLISS, C. I. and OWEN, A. R. G. (1958). Negative binomial distributions with a common k. Biometrika 45, 37-58.

Users : Bliss, C. I. (1958), Waters, W. (1959), Waters, W. E. and Hansen, W. R. (1959), Edwards, A.W.F.(1960a), Grimm, H. and Maly, V. (1961), Cassie, R. M. (1962)

Class.: NB:pe-anovat:G-BM

232

BLISS, C. I., MORGAN, M. E., MACLEOD, P. and ANDERSON, E. O. (1951). See Morgan, M. E., MacLeod, P., Anderson, E. O. and Bliss, C. I. (1951).

BLOM, GUNNAR (1954). Transformations of the binomial, negative binomial, Poisson and χ^2 distributions. Biometrika 41, 302-316.

Review: MR 16(1955), 940

Users : Wishart, J. (1956), Govindarajulu, Z. (1965)

Class.: B-P-NB:anovat-a-ie:G

233

Notes : Correction, Biometrika 43, 235

BLOMQUIST, NILS (1951). Some tests based on dichotomization. Ann. Math. Statist. 22, 362-371.

Users : Govindarajulu, Z. (1965)

Class.:

234

BLUM, J. R. and ROSENBLATT, M. (1959). On the structure of infinitely divisible distributions. Pacific J. Math. 9, 1-7.

Class.: MI:osp:G

235

BLUM, M. L. and MINTZ, ALEXANDER (1951). Correlation versus curve fitting in research on accident proneness: reply to Maritz. Psychol. Bull. 48, 413-418.

Users : Webb, W. and Jones, E. R. (1953), Arbous, A. G. and Sichel, H. S. (1954b), Fitzpatrick, R. (1958), Edwards, C. B. and Gurland, J. (1960), Teicher, H. (1960a), Edwards, C. B. and Gurland, (1961)

Class.: NB-NM-P:cm:A

236

BLYTH, C. R. (1959). Note on estimating information. Ann. Math. Statist. 30, 71-79.

Review: MR 21(1960), 362

Class.: MI:pe:G

237

BLYTH, C. R. and CURME, G. L. (1960). Estimation of a parameter in the classical occupancy problem. Biometrika 47, 180-185.

Users : Barton, D. E. (1961)

Class.: MI:pe:G

238

- BLYTH, C. R. and HUTCHINSON, D. W. (1960). Table of Neyman-shortest unbiased confidence intervals for the binomial parameter. Biometrika 47, 381-391.
Users: Blyth, C. R. and Hutchinson, D. W. (1961), Pratt, J. W. (1961)
Class.: B:ie-tc:G 239
- BLYTH, C. R. and HUTCHINSON, D. W. (1961). Table of Neyman-shortest unbiased confidence intervals for the Poisson parameter. Biometrika 48, 191-194.
Class.: P:ie-tc:G 240
- BOBKOSKI, F. and BECKMANN, M. J. (1958). See. Beckmann, M. J. and Bobkoski, F. (1958).
- BOCHNER, S. (1936). A converse of Poisson's theorem in the theory of probability. Ann. of Math. 37, 816-822.
Class.: 241
- BODMER, W. F. (1959). A significantly extreme deviate in data with a non-significant heterogeneity (Chi-square). Biometrics 15, 538-542.
Review: BA 35(1960), Ab.No. 12197
Class.: 242
- BODMER, W. F. (1960). Discrete stochastic processes in population genetics. J. Roy. Statist. Soc. Ser. B. 22, 218-244.
Class.: 243
- BOFINGER, EVE (1965). Sufficiency for multinomial and transition probabilities. J. Appl. Prob. 2, 470-474.
Class.: 244
- BOHMAN, HAROLD (1962). Two inequalities for Poisson distributions. Skand. Aktuarietidskr. 45, 47-52.
Class.: 245
- BOHMAN, HAROLD (1963). Two inequalities for Poisson distributions. Skand. Aktuarietidskr. 46, 47-52.
Class.: 246
- BOLGER, EDWARD M. (1961). Exponential distributions. Master's Thesis, Pennsylvania State University.
Class.: No classification 247
- BOLGER, EDWARD M. (1964). Exponential distributions. Ph. D. Thesis, Pennsylvania State University, pp. 93.
Class.: No classification 248
- BOLGER, EDWARD M. and HARKNESS, W. L. (1965). Characterizations of some distributions by conditional moments. Ann. Math. Statist. 36, 703-705.
Class.: B-P-NB:m:G 249

- BOL'SHEV, L. N. (1961). A refinement of the Cramer-Rao inequality. Theor. Probability Appl. 6, 295-301.
Class.: P:pe:G 250
- BOL'SHEV, L. N. (1962a). On comparison of means of Poisson distributions. Theor. Probability Appl. 7, 113-114.
Class.: P:ctp-ie:G 251
- BOL'SHEV, L. N. (1962b). On comparison of means of Poisson distributions. (Russian. English summary). Teor. Veroyatnost i Primenen 7, 119-120.
Class.: P:ctp-ie:G 252
- BOL'SHEV, L. N. (1964). Distributions similar to the hypergeometric one. (Russian. English summary). Teor. Veroyatnost i Primenen 9, 687-692.
Review: MR 30, (1965), 121
Class.: 253
- BOL'SHEV, L. N., GLADKOV, B. V. and SHCHEGLOVA, M. V. (1961). Tables for the calculation of B and Z-distribution functions. Theor. Probability Appl. 6, 410-419.
Class.: P:a-tc:G 254
- BOMBARA, E. L. (1955). A study of the lower moments of order statistics of discrete uniform distributions. Master's Thesis, Virginia Polytechnic Institute.
Class.: No classification 255
- BONFERRONI, C. E. (1933). Sulla probabilità massima nello schema di Poisson. Ist. Italiana degli Attuari Giornale 4, 109-115.
Class.: 256
- BONINI, C. P. and SIMON, H. A. (1958). See Simon, H. A. and Bonini, C. P. (1958).
- BORENIUS, G. (1953). On the statistical distribution of mine explosions. Skand. Aktuartidskr. 36, 151-157.
Class.: MI:a:O 257
- BOROVKOV, A. A. (1960a). Local theorems on the distributions of maxima of sums of bounded lattice random variables I. Theor. Probability Appl. 5, 125-155.
Class.: MI:a:G 258
- BOROVKOV, A. A. (1960b). Local theorems on the distributions of maxima of sums of bounded lattice random variables II. Theor. Probability Appl. 5, 341-355.
Class.: MI:a:G 259
- BOROVKOV, A. A. (1961). Local theorems and moments for maxima of sums of bounded lattice components. Theor. Probability Appl. 6, 99-101.
Class.: MI:a:G 260

- BORROR, D. J. (1948). Analysis of repeat records of banded white-throated sparrows. Ecol. Monogr. 18(3), 411-430.
Class.: P:gf-pe:BM 261
- BORTKEWITSCH, L. (1894). Kritische Betrachtungen zur Theoretischen Statistik. Jahrbucher für Nationalökonomie und Statistik. 8, 641-680.
Users : Seal, H. L. (1949)
Class.: 262
- BORTKEWITSCH, L. (1898).
Das Gesetz der kleinen Zahlen Teubner, Leipzig
Class.: 263
- BORTKEWITSCH, L. (1899a). Über die Sterblichkeit der Empfänger von Invalidenrenten vom statistischen und versicherungstechnischen Standpunkt. Z. Versicherungs-Recht und-Wissenschaft 5, 563-605.
Class.: 264
- BORTKEWITSCH, L. (1899b). Die erkenntnistheoretischen Grundlagen der Wahrscheinlichkeitsrechnung. Jahrbücher für Nationalökonomie und Statistik 17, 230-244.
Class.: 265
- BORTKEWITSCH, L. (1901). Anwendungen der Wahrscheinlichkeitsrechnung auf Statistik. Encyclopädie der Math. Wissenschaften mit Einschluss ihrer Anwendungen 1, 821-851.
Class.: 266
- BORTKEWITSCH, L. (1903). Wahrscheinlichkeitstheorie und Erfahrung. Z. für Philosophie und philosophische Kritik. 121, 71-86.
Class.: 267
- BORTKEWITSCH, L. (1906). Der wahrscheinlichkeitstheoretische Standpunkt im Lebensversicherungswesen. Oesterreichische Revue 31, 24-28.
Class.: 268
- BORTKEWITSCH, L. (1908). La legge dei piccoli numeri. Chiarimenti. Giorn. Economisti 37, 415-427.
Class.: 269
- BORTKEWITSCH, L. (1909). Ancora la legge dei piccoli numeri. Giorn. Economisti 39, 395-415.
Class.: 270
- BORTKEWITSCH, L. (1910). Zur Verteidigung des Gesetzes der kleinen Zahlen. Jahrbucher für Nationalökonomie und Statistik 39, 218-236.
Class.: 271
- BORTKEWITSCH, L. (1915a). Über die Zeitfolge zufälliger ereignisse. Bull. Inst. Internat. Statist. 20(2), 30-111.
Class.: 272

- BORTKEWITSCH, L. (1915b). Realismus und Formalismus in der mathematischen Statistik. Allgemein. Statist. Arch. 9, 225-256.
Class.: 273
- BORTKEWITSCH, L. (1917). Homogenität und Stabilität in der Statistik. Skand. Aktuarietidskr. 1, 1-81.
Class.: 274
- BORTKEWITSCH, L. (1920). Das Laplacesche Ergänzungsglied und Eggenbergers Grenzberichtigung zum Wahrscheinlichkeitsintegral. Sitzungsberichte der Berliner Math. Gesellschaft 18, 37-42.
Class.: 275
- BORTKEWITSCH, L. (1922). Das Helmhertsche Verteilungsgesetz. Z. Angew. Math. Mech. 2, 358-375.
Class.: 276
- BORTKEWITSCH, L. (1927). Zum Markoffschen Lemma. Skand. Aktuarietidskr. 10, 13-16.
Class.: 277
- BORTKEWITSCH, L. (1931). The relations between stability and homogeneity. Ann. Math. Statist. 2, 1-22.
Class.: 278
- BORTKEWITSCH, L. (1898). Das Gesetz der kleiner Zahlen. Leipzig
Class.: 279
- BORTKEWITSCH, L. (1917). Die Iterationen, ein Beitrag zur Wahrscheinlichkeitsrechnung. Springer (Berlin)
Class.: No classification 280
- BOSCH, A. J. (1963). The Polya distribution. Statistica Neerlandica 17, 201-213.
Class.: PO-MI:mi:G 281
- BOUTEMA, O. and VAN VEEN, S. C. (1943). Calculation of probabilities in the game of billiards. Nieuw Arch. Wisk. 22(2), 15-33.
Review: MR 7(1946), 209
Class.: 282
- BOULTER, E. A., WESTWOOD, J. C. N. and PHIPPS, P. H. (1957). See Westwood, J.C.N., Phipps, P. H. and Boulter, E. A. (1957).
- BOWDEN, J. (1965). The distribution of catch of some species of insects and its relationship to their biology. (Abstract). Biometrics 21, 263.
Class.: No classification 283

- BOWEN, M. F. (1947). Population distribution of the leafhopper in relation to experimental field plot layout. J. Agri. Res. 75, 259-278.
Users : Bliss, C. I. and Fisher, R. A. (1953), Bliss, C. I. (1958), Jenson, P. (1959)
Class.: 284
- BOWER, GORDON H. (1961). Application of a model to paired-associate learning. Psychometrika 26, 255-280.
Class.: 285
- BOWMAN, K. O. (1963). Moments of higher orders for maximum likelihood estimators, with an application to the negative binomial distribution. Ph. D. Thesis, Virginia Polytechnic Institute.
Users : Bowman, K. O. and Shenton, L. R. (1965a), Shenton, L. R. and Myers, R. (1965)
Class.: No classification 286
- BOWMAN, K. and SHENTON, L. R. (1963). See Shenton, L. R. and Bowman, K. (1963)
- BOWMAN, K. O. and SHENTON, L. R. (1965a). Biases and covariances of maximum likelihood estimators. Tech. Rep. K-1633, Union Carbide Corp., Oak Ridge, Tenn., pp. 21
Class.: NB:pe:G 287
- BOWMAN, K. O. and SHENTON, L. R. (1965b). Asymptotic covariances for the maximum likelihood estimators of the parameters of a negative binomial distribution. Tech. Rep. K-1643, Union Carbide Corp. Oak Ridge, Tenn.
Class.: NB:pe-tc:G 288
- BOYD, W. C. (1954). Maximum likelihood method for estimation of gene frequencies from M.N.S. data. Amer. J. Hum. Genet. 6, 1-10.
Users : Ceppellini, R., Siniscalco, M. and Smith, C.A.B. (1955)
Class.: 289
- BRACEWELL, R. N. (1953). The sunspot number series. Nature 171, 649-650.
Class.: MI:pc:P 290
- BRACHMAN, M. K. (1955). Notes on the summation of series. J. Soc. Indust. Appl. Math. 3, 254-258.
Class.: MI:mi:G 291
- BRADLEY, JAMES V. (1959a). Studies in research methodology: I. Compatibility of psychological measurements with parametric assumptions. Tech. Rep. 58-574(1), Wright Air Develop. Center, Air Res. and Develop. Com., U.S.A.F., Wright-Patterson, A.F.B., Ohio
Class.: B-P:a:G 292

- BRADLEY, JAMES V. (1959b). Studies in research methodology: II. Consequences of violating parametric assumptions - fact and fallacy. Tech. Rep. 58-574(II), Wright Air Develop. Centre, Air Res. and Develop. Com. U.S.A.F., Wright-Patterson A.F.B., Ohio.
Class.: 293
- BRADLEY, JAMES V. (1963). Studies in research methodology: IV. A sampling study of the central limit theorem and the robustness of one-sample parametric tests. Rep. AMRI-TDR-63-29, Behavioral Sci. Lab., Wright-Patterson A.F.B., Ohio, pp. 305.
Class.: NO classification 294
- BRAINERD, B. and NARAYANA, T. V. (1961). A note on simple binomial sampling plans. Ann. Math. Statist. 32, 906-908.
Review: MR 23A(1962), 575
Users: Narayana, T. V. (1962)
Class.: B:sgc:G 295
- BRASS, W. (1958a). Simplified methods of fitting the truncated negative binomial distribution. Biometrika 45, 59-68.
Users: Bartko, J. J. (1961b), Cohen, A. C. Jr., (1961c), Khatri, C. G. (1961), Cassie, R. M. (1962), Khatri, C. G. (1962d)
Class.: TCNB:pe-gf: 296
- BRASS, W. (1958b). Models of birth distributions in human populations. Bull. Inst. Internat. Statist. 35(2), 165-178.
Users: Martin, L. (1961)
Class.: 297
- BRASS, W. (1958c). The distribution of the births in human populations. Population Studies 12, 51-72.
Class.: NB:mb-gf:EM 298
- BRAY, J. R. (1962). Use of non-area analytic data to determine species dispersion. Ecology 43, 328-333.
Class.: B:h:EM 299
- BREAKWELL, J. V. (1954). The problem of testing for the fraction of defectives. Operations Res. 2, 59-69.
Users: Breakwell, J. V. (1956)
Class.: B:sgc:E 300
- BREAKWELL, J. V. (1955). Minimax test for the parameter of a Poisson process. (Abstract). Ann. Math. Statist. 26, 768.
Class.: No classification 301
- BREAKWELL, J. V. (1956). Economically optimum acceptance tests. J. Amer. Statist. Assoc. 51, 243-256.
Users: Somerville, P. N. (1957)
Class.: B:tp:E 302

- BREAKWELL, JOHN V. (1961). Minimax tests for the rate of a Poisson process and the bias rate of a normal process. Sankhyā 23, 161-182.
Class.: 303
- BREIMAN, LEO (1962). On some probability distributions in traffic flow. (French summary). Bull. Inst. Internat. Statist. 39(4), 155-161.
Review: MR 29(1965), 135
Class.: 304
- BREIMAN, LEO (1963). The Poisson tendency in traffic distribution. Ann. Math. Statist. 34, 308-311.
Class.: P:pc:E 305
- BRENY, H. (1953). Sur une classe de fonctions aléatoires liées à la loi de Poisson. Bull. Soc. Roy. Sci., Liège 22, 405-416.
Review: MR 15(1954), 541
Class.: 306
- BRENY, H. (1957). Sur quelques problèmes d'analyse statistique posés par la physique des microcorpuscles. I. Distributions de Poisson et mesures relatives. Ann. Soc. Sci. Bruxelles Ser. I 71, 135-160.
Class.: 307
- BRESCIANI, COSTANTINO (1908). A proposito della "Legge dei piccoli numeri." Giorn. Economisti 36, 357-380.
Class.: 308
- BRETAGNOLLE, JEAN and DACUNHA-CASTELLE, DIDIER (1964). Convergence de la nième convoluée d'une loi de probabilité. C. R. Acad. Sci. Paris 258, 4910-4913.
Class.: 309
- BRETHERTON, MICHAEL H. and WILLIAMSON, ERIC (1963). See Williamson, Eric and Bretherton, Michael H. (1963).
- BRETHERTON, MICHAEL H. and WILLIAMSON, ERIC (1964). See Williamson, Eric and Bretherton, Michael H. (1964).
- BRETT, D. W. and DORMER, K. J. (1960). Observations on a cyclic fluctuation in the leaf serrations of *Spiraea salicifolia*, and on the asymmetry of the leaf. New Phytologist 59, 104-108.
Class.: 310
- BREUER, M. and HAIGHT, F. A. (1960). See Haight, F. A. and Breuer, M. (1960).
- BRIAN, A. D. (1957). Differences in the flowers visited by four species of bumblebees and their causes. J. Animal Ecol. 26(1), 71-98.
Class.: 311

- BRIAN, M. V. (1953). Species frequencies in random samples from animal populations. J. Animal Ecol. 22, 57-64.
Users : Clark, P. J., Eckstrom, P. T. and Linden, L. C. (1964), Hairston, N. G. (1959), MacArthur, R. (1957)
Class.: LS-NB:gf:BM 312
- BRIAN, M. V. (1956). Segregation of species of the ant genus *Myrmica*. J. Animal Ecol. 25(2), 319-337.
Class.: B:q:BM 313
- BRIGGS, FRED N. and BAKER, GEORGE A. (1945). See Baker, George A. and Briggs, Fred N. (1945).
- BRIGGS, FRED N. and BRIGGS, GEORGE A. (1949). See Baker, George A. and Briggs, Fred N. (1949).
- BRINDLEY, T. A., BANCROFT, T. A. and MCGUIRE, J. U. (1957). See McGuire, J. U., Brindley, T. A. and Bancroft, T. A. (1957).
- BRINEGAR, CLAUDE (1963). Mark Twain and the Quintus Curtius Snodgrass letters: A statistical test of authorship. J. Amer. Statist. Assoc. 58, 85-96.
Users : Mosteller, F. and Wallace, D. (1963)
Class.: 314
- BRISCHLE, H. A. and FRACKER, S. B. (1944). See Fracker, S. B. and Brischle, H. A. (1944).
- BROCKMEYER, E. (1952). The use of probability calculations in telephone engineering on the basis of the research of Erlang and McE. Teleteknik 3, 1-95.
Class.: 315
- ROCKWELL, P. J. (1964). As asymptotic expansion for the tail of a binomial distribution and its application in queueing theory. J. Appl. Prob. 1, 161-167.
Users : Hald, A. (1965)
Class.: B:a:G 316
- BROSS, I. D. (1954a). A confidence interval for a percentage increase, Biometrics 10, 245-250.
Users : Noether, G. E. (1957)
Class.: 317
- BROSS, I. D. (1954b). Misclassification in 2x2 tables. Biometrics 10, 478-486.
Review: MR 16(1955), 942
Users : Chew, V. (1964)
Class.: 318

- BROWN, BANCROFT H. (1919). Probabilities in the game of 'Shooting Craps'.
Amer. Math. Monthly 26, 351-352.
 Class.: G:gf:O 319
- BROWN, B. H. (1941). Simple examples of limiting processes in probability.
Amer. Math. Monthly 48, 98-102.
 Class.: MI:mi:G 320
- BROWN, DAVID T. (1959). A note on approximations to discrete probability distributions. Information and Control 2, 386-392
 Users : Good, I. J. (1963)
 Class.: MI:a:G 321
- BROWN, J. (1956). A modified significance test for the difference between two observed proportions. J. Occup. Psychol. 30, 69-74.
 Class.: 322
- BROWN, J. L. JR. (1962). Analysis of clipping cross-correlator for arbitrary deterministic signal. Tech. Memo., Ordnance Res. Lab., Pennsylvania State Univ., pp. 7
 Class.: B:mi:E 323
- BROWN, J. L. JR. (1963). Analysis of digital polarity-coincidence correlator independent samples and arbitrary signal-to-noise ratios. Tech. Memo., Ordnance Res. Lab., Pennsylvania State Univ., pp. 11
 Class.: B:mi:E 324
- BROWN, J. L. JR. and PATIL, G. P. (1966). On the statistical independence of infinitely clipped Gaussian random variables. Tech. Rep., Ordnance Res. Lab., Pennsylvania State Univ., pp. 6
 Class.: B:mi:E 325
- BROWN, RICHARD H. (1963). Theory of combat: The probability of winning. Operations Res. 11, 418-425.
 Class.: 326
- BRUNK, H. D. (1955). Maximum likelihood estimates of monotone parameters. Ann. Math. Statist. 26, 607-616.
 Class.: B-P-MI:pe:G 327
- BRYSON, MARION R. (1965). Errors of classification in a binomial population. J. Amer. Statist. Assoc. 60, 217-224.
 Class.: 328
- BUCH, K. R. (1949). A note on sentence-length as random variable. Compte rendu du onzieme congres de mathematiens scandinaves tenu a Trondheim. 272-275.
 Class.: MI:a-h:L 329

- BUCH, K. R. (1952). A note on sentence-length as random variable. C. R. 11th Congr. Math. Scand. 272-275.
Class.: MI:a-h:L 330
- BUCHANAN-WOLLASTON, H. J. (1935). The philosophic basis of statistical analysis. J. Conseil 10(3), 249-263.
Class.: 331
- BUCHANAN-WOLLASTON, H. J. (1936). The philosophic basis of statistical analysis. J. Conseil 11(1), 7-26.
Class.: 332
- BUCHANAN-WOLLASTON, H. J. (1938). On the application of the statistical theory of space distribution to hydrographic and fishery problems. J. Conseil 13(2), 173-186.
Class.: 333
- BUCHANAN-WOLLASTON, H. J. (1958). Statistical tests for significance applicable to distribution in space. J. Conseil 23(2), 161-172.
Class.: 334
- BUCHNER, P. (1952). Bemerkungen zum Satz von Bernoulli. Elem. Math. 7, 8-11.
Class.: 335
- BUEHLER, R. J. (1957). Confidence intervals for the product of two binomial parameters. J. Amer. Statist. Assoc. 52, 482-493.
Review: MR 19(1958). 1204
Class.: B-P:ie:G 336
- BUHLER, W., FEIN, H., GOLDSMITH, D., NEYMAN, J. and PURI, P. S. (1965). Locally optimal test for homogeneity with respect to very rare events. Proc. Nat. Acad. Sci. 54, 673-680.
Class.: 337
- BULMER, M. G. (1958a). The repeat frequency of twinning. Ann. Hum. Genet. 23, 31-35.
Class.: 338
- BULMER, M. G. (1958b). The numbers of human multiple births. Ann. Hum. Genet. 22, 158-164.
Review: PA 33(1959), Ab.No. 8639
Class.: 339
- BURKHOLDER, D. L. (1960). Effect on the minimal complete class of tests of changes in the testing problem. Ann. Math. Statist. 31, 325-331.
Class.: MI:tp:G 340

- th
ysis.
ysis.
ory
3(2),
able
1.
23,
net.
- BURNETT, T. (1958). Effect of host distribution on the reproduction of *Encarsia formosa* Gahan (Hymenoptera: Chalcidoidea). Canad. Ent. 90, 179-191.
Users : Waters, W. (1959)
Class.: 341
- BURR E. J. (1961). Length of the longest run of consecutive successes. (Abstract). Ann. Math. Statist. 32, 917
Class.: No classification 342
- BURR, I. W. (1952a). Distributions of ranges from an arbitrary discrete population. (Abstract). Ann. Math. Statist. 23, 145.
Users : Govindarajulu, Z. (1965)
Class.: No classification 343
- BURR, I. W. (1952b). Formulas for approximating the hypergeometric and binomial by the Poisson distribution. (Abstract). Ann. Math. Statist. 23, 145
Class.: No classification 344
- BURR, I. W. (1955). Calculation of exact sampling distribution of ranges from a discrete population. Ann. Math. Statist. 26, 530-532.
Class.: MI:mi:G 345
- BURROWS, G. L. and HALPERIN (1960). See Halperin, M. and Burrows, G. L. (1960).
BURROWS, G. L. and HALPERIN (1961). See Halperin, M. and Burrows, G. L. (1961).
- BUSHLAND, R. C., BAUMHOVER, A. H., GRAHAM, A. J., BITTER, B. A., HOPKINS, D. E., NEW, W. D. and DUDLEY, F. H. (1955). See Baumhover, A. H., Graham, A. J., Bitter, B. A., Hopkins, D. E., New, W. D., Dudley, F. H. and Bushland, R. (1955).
- BYERS, G. W. and HAIRSTON, N. G. (1954). See Hairston, N. G. and Byers, G. W. (1954).
- BYRD, M. A. and SCHULTZ, V. (1957). See Schultz, V. and Byrd, M. A. (1957).
- BYRON, FRANK H. (1935). The point binomial and probability paper. Ann. Math. Statist. 6, 21-26.
Class.: B:a-tc:G 346
- BYSTROV, N. F. (1956). On some unbiased estimates. (Russian). Vestnik Leningrad. Univ. Ser. Mat. Meh. Astronom. 1956(1), 169-175.
Users : Bol'shev, L. N. (1961)
Class.: 347

- CACOULOS, T. (1961). A combinatorial derivation of the distribution of the truncated Poisson sufficient statistic. Ann. Math. Statist. 32, 904-905.
Review: MR 23A(1962), 685
Class.: TCP:mi:G 348
- CACOULOS, T. (1960). Two problems of estimation: binomial variance and truncated Poisson mean. Res. Rep., Columbia Univ. (sponsored by ONR), pp. 34.
Class.: B-TCP:pe-ie-sd:G 349
- CAIN, S. A. and EVANS, F. C. (1952). The distribution patterns of three plant species in an old-field community in southeastern Michigan. Contrib. Lab. Vertebrate Biol. Univ. Mich. 52, 1-11.
Users : Clark, P. J. and Evans, F. C. (1954a), Hairston, N. G. (1959)
Class.: MI:mi:BM 350
- CAIN, S. A. and EVANS, F. C. (1952). See Evans, F. C. and Cain, S. A. (1952).
- CAMARGO, M. C. and ISABEL, M. M. (1956). The logarithmic correlation. (Spanish). An. Real Soc. Espan. Fis. Quim. Ser. A 52(5-6), 117-136.
Review: SA 59A(1956), Ab.No. 7103
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: 351
- CAMP, B. H. (1924). Probability integrals for the point binomial. Biometrika 16, 163-171.
Users : Burton, H. and Camp (1925), Govindarajulu, Z. (1965)
Class.: B:a-c:G 352
- CAMP, B. H. (1925). Probability integrals for a hypergeometric series. Biometrika 17, 61-67.
Users : Govindarajulu, Z. (1965)
Class.: H:a-c:G 353
- CAMP, B. H. (1940). Further comments on Berkson's problem. J. Amer. Statist. Assoc. 35, 368-376.
Class.: P-MI:gf:G 354
- CAMP, B. H. (1951). Approximation to the point binomial. Ann. Math. Statist. 22, 130-131.
Users : Raff, M. S. (1956), Mott-Smith, J. C. (1964), Govindarajulu, Z. (1965)
Class.: B:a-c:G 355
- CAMPBELL, GEORGE A. (1923). Probability curves showing Poisson's exponential summation. Bell System Tech. J. 2, 95-113.
Users : Thorndike, F. (1926), Wise, M. E. (1946), Blom, G. (1954), Wise, M. E. (1954), Teichrow, G. (1955), Martin, L. (1961), Govindarajulu, Z. (1965)
Class.: B-P:tc:G 356

- CAMPBELL, J. T. (1934). The Poisson correlation function. Proc. Edinburgh Math. Soc. Ser. 2 4, 18-26.
Users : Krishnamoorthy, A. S. (1951), Edwards, C. B. (1962), Fuch, C. and David, H. (1965a), Patil, G. P. and Bildikar, S. (1966a)
Class.: MP:m-rp-gf-mi:G 357
- CAMPBELL, R. C., HANCOCK, J. L. and ROTHSCCHILD, LORD (1953). Counting live and dead bull spermatozoa. J. Expt. Biol. 30, 44-49.
Class.: B:gf-h-ie:BM 358
- CANSADO, E. (1951a). A study of bivariate distributions. (Spanish. English summary). Trabajos Estadist. 2, 149-178.
Class.: 359
- CANSADO, E. (1951b). An example of a bivariate distribution. (Spanish. English summary). Trabajos Estadist. 2, 261-272.
Class.: 360
- CANSADO, E. (1957). About moments and factorial coefficients. (Spanish and French summaries). Bull. Inst. Internat. Statist. 35(2), 77-84.
Review: MR 22(1961), 1719
Class.: 361
- CAPOBIANCO, MICHAEL F. (1964). On the bivariate binomial distribution and related problems. Ph. D. Thesis, Polytechnic Inst., Brooklyn, pp. 55.
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: No classification 362
- CAREGRADSKII, I. P. (1958). On uniform approximation to a binomial distribution by infinitely divisible laws. (Russian. English summary). Teor. Veroyatnost. i Primenen. 3, 470-474.
Review: MR 21(1960), 175
Class.: B:a:G 363
- CARLITZ, L. (1964). Comment on the paper "Some probability distributions and their associated structures". Math. Mag. 37, 51-52.
Class.: MI:mi:G 364
- CARROLL, JOHN B. (1961). The nature of the data, or how to choose a correlation coefficient. Psychometrika 26, 347-372.
Class.: 365
- CARTER, F. L., JR. (1960). Group testing in binomial and multinomial situations. Master's Thesis, Virginia Polytechnic Institute.
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: No classification 366
- CARTER, FREDERICK L. and BARGMANN, ROLF E. (1960). See Bargmann, Rolf E. and Carter, Frederick L. (1960).

- CASSIE, R. M. (1962). Frequency distribution models in the ecology of
Plancton and other organism. J. Animal Ecol. 31, 65-92.
Class.: B-NB-DL-N-T-MI:mb-cm-mi:BM 367
- CASTAGNETTO, LOUIS and CERNUSCHI, FELIX (1946). See Cernuschi, Felix and
Castagnetto, Louis (1946).
- CASTELIANI, M. (1950). On multinomial distributions with limited freedom:
a stochastic genesis of Pareto's and Pearson's curves. Ann. Math. Statist.
21, 289-293.
Review: MR 11(1950), 673
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: M:pc:G 368
- CASTOLDI, LUIGI (1959). A property of Poissonian distributions. Rend. Sem.
Fac. Sci. Univ. Cagliari 29, 220-222.
Review: MR 22(1961), 1457
Class.: P:osp:G 369
- CASTOLDI, LUIGI (1963a). A continuous analogue of Poisson's distribution.
Rend. Sem. Fac. Sci. Univ. Cagliari 33, 245-249.
Class.: 370
- CASTOLDI, LUIGI (1963b). Poisson processes with events in clusters. Rend.
Sem. Fac. Sci. Univ. Cagliari 33, 433-437.
Class.: 371
- CATANA, A. J., JR., COTTAM, G. and CURTIS, J. T. (1957). See Cottam, G.,
Curtis, J. T. and Catana, A. J., Jr. (1957).
- CATCHESIDE, D. G., LEA, D. E. and THODAY, J. M. (1945-6). Types of chromosome
structural change induced by the irradiation of *Tradescantia* microspores.
J. Genetics 47, 113-136.
Class.: 372
- CEPPELLINI, R., SINISCALCO, M. and SMITH, C. A. B. (1955). The estimation of
gene frequencies in a random-mating population. Ann. Hum. Genet. 20, 97-115.
Class.: 373
- CERNUSCHI, FELIX and CASTAGNETTO, LOUIS (1946). Chains of rare events.
Ann. Math. Statist. 17, 53-61.
Review: MR 7(1946), 457
Users : Anscombe, F. J. (1950a), Douglas, J. B. (1965)
Class.: P-NB-MI:pc-a:G 374
- CERNUSCHI, FELIX and SALEME, ERNESTO (1944). A new scheme of contagion in
probability. An. Soc. Ci. Argentina 138, 201-213.
Review: MR 6(1945), 233
Class.: OBR:pc:G 375

- CHADDHA, R. L. (1962). Binomial distribution when both parameters are random variables. (Abstract). Ann. Math. Statist. 33, 816.
Class.: No classification 376
- CHADDHA, ROSHAN L. (1965). A case of contagion in binomial distribution. Classical and Contagious Discrete Distributions. Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 273-290.
Class.: OBR:mb-tc-pe:G 377
- CHAKRABORTY, P. N., CHANDRASEKAR, C. and AGARWALA, S. P. (1955). See Chandra Sekar, C., Agarwala, S. P. and Chakraborty, P. N. (1955).
- CHAKRAVARTI, I. M. and RAO, C. R. (1956). See Rao, C. R. and Chakravarti, I. M. (1956).
- CHAKRAVARTI, I. M. and RAO, C. R. (1959). Tables for some small sample tests of significance for Poisson distributions and 2x3 contingency tables. Sankhya 21, 315-326.
Review: MR 22(1961), 184
Class.: P-TCP-B:h-gf-mi-tc:G 378
- CHAKRAVORTY, P. N. and MATHEN, K. K. (1950). See Mathen, K. K. and Chakravorty, P. N. (1950).
- CHALAM, G. V. and SINGH, B. N. (1937). See Singh, B. N. and Chalam, G. V. (1937).
- CHALKLEY, HERALD W. and CORNFIELD, JEROME (1951). See Cornfield, Jerome and Chalkley, Herald W. (1951).
- CHAMBERLAIN, A. C. and TURNER, F. M. (1952). Errors and variations in white-cell counts. Biometrics 8, 55-65.
Class.: P-B:anovat-gf:BM 379
- CHAMBERS, E. G. and FARMER, E. (1939). See Farmer, E. and Chambers, E. G. (1939).
- CHAMBERS, E. G. and YULE, G. U. (1941). Theory and observation in the investigation of accident causation. J. Roy. Statist. Soc. Suppl. 7, 89-101.
Review: MR 4(1943), 28
Users : Sichel, H. S. (1951), Good, I. J. (1953b), Barton, D. E. and David, F. N. (1959a)
Class.: COP-NB:mi:A
Notes : Discussion, J. Roy. Statist. Soc. Suppl. 7, 101-109 380
- CHAMBERS, M. L. and JARRATT, P. (1964). Use of double sampling for selecting best population. Biometrika 51, 49-64.
Class.: 381

- CHANDA, K. C. (1963). On the efficiency of two-sample Mann-Whitney test for discrete populations. Ann. Math. Statist. 34, 612-617.
Review: MR 26(1963), 1347
Class.: MI-P-B:ctp:G 382
- CHANDRA SEKAR C., AGARWALA, S. P. and CHAKRABORTY, P. N. (1955). On a power function of a test of significance for the difference between two proportions. Sankhya 15, 381-390.
Class.: B:ctp-tc:G 383
- CHANDRASEKHAR, S. (1943). Stochastic problems in physics and astronomy. Rev. Modern Phys. 15, 2-89.
Class.: 384
- CHANDRASEKHAR, S. (1949). On a class of probability distributions. Proc. Cambridge Philos. Soc. 45, 219-224
Review: MR 10(1949), 464
Class.: 385
- CHAPANIS, ALPHONSE (1962). An exact multinomial one-sample test of significance. Psychol. Bull. 59, 306-310.
Review: PA 37(1963), 5921
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: M:tp:G 386
- CHAPMAN, DOUGLAS (1949). The application of the hypergeometric distribution to problems of estimating and comparing zoological population sizes. (Abstract). Ann. Math. Statist. 20, 134.
Class.: NO classification 387
- CHAPMAN, D. G. (1951). Some properties of the hyper-geometric distribution with applications to zoological sample censuses. Univ. California Publ. Statist. 1, 131-159.
Users : Chapman, D. G. (1952b), Goodman, L. A. (1953), Chapman, D. G. (1954), Cooper, G. and Lagler, K. (1956), Gilbert, N.E.G. (1956), Govindarajulu, Z. (1962c)
Class.: H:pe-tp-BM 388
- CHAPMAN, D. G. (1952a). On tests and estimates for the ratio of Poisson means. Ann. Inst. Statist. Math. Tokyo 4, 45-49.
Review: MR 14(1953), 488
Users : Cox, D. R. (1953)
Class.: 389
- CHAPMAN, D. G. (1952b). Inverse, multiple and sequential sample censuses. Biometrics 8, 286-306.
Review: MR 14(1953), 777
Users : Chapman, D. G. (1954), Nadler, J. (1960), Sen, P. K. (1960), Bartko, J. J. (1961b), Pathak, P. K. (1964), Knight, W. (1965)
Class.: MI:pe:BM 390

- CHAPMAN, D. G. (1952c). Sufficient statistics for "selected distributions".
Univ. Washington Publ. Math. 3, 59-64.
Class.: 391
- CHAPMAN, D. G. (1954). The estimation of biological populations. Ann. Math. Statist. 25, 1-15.
Class.: MI:pe-ie:G 392
- CHAPMAN, D. G. and BIRNBAUM, Z. W. (1950). See Birnbaum, Z. W. and Chapman, D. G. (1950).
- CHAPMAN, D. G. and JUNG, C. O. (1956). The estimation of the size of a stratified animal population. Ann. Math. Statist. 27, 375-389.
Class.: H:pe:B 393
- CHAPMAN, D. G. and ROBSON, D. S. (1960). The analysis of a catch curve. Biometrics, 16, 354-368.
Users : Williams, E. J. (1961b)
Class.: G-B-P-MI:pe:BM 394
- CHAPMAN, R. A. (1938). Applicability of the z test to a Poisson distribution. Biometrika 30, 188-190.
Users : Bowen, M. F. (1947)
Class.: P:anovat:G 395
- CHAPMAN, V. J. and MYERS, E. (1953). See Myers, E. and Chapman, V. J. (1953).
- CHARLIER, C. V. L. (1905a). Die zweite Form des Fehlergesetzes. Arkiv fur Matematik Astronomi och Fysik 2, 1-8.
Class.: 396
- CHARLIER, C. V. L. (1905b). Uber die Darstellung willkurlicher Funktionen. Arkiv fur Matematik Astronomi och Fysik 2, 1-35.
Class.: 397
- CHATFIELD, C., EHRENBERG, A. S. C. and GOODHARDT, G. J. (1965). Progress on a simplified model of stationary purchasing behaviour. ASKE Research Limited,
Class.: NB-NM-LS:mb-gf:S 398
- CHATFIELD, C., EHRENBERG, A. S. C. and GOODHARDT, G. J. (1966). Progress on a simplified model of stationary purchasing behaviour. J. Roy. Statist. Soc. Ser. A 129,
Class.: NB-NM-LS:mb-gf:S 399
- CHATTERJI, S. D. (1963). Some elementary characterizations of the Poisson distribution. Amer. Math. Monthly 70, 958-964.
Review: MR 70(1964), 130
Users : Bolger, E. M. and Harkness, W. L. (1965)
Class.: P:osp:G 400

- CHENG, TSENG TUNG (1949). The normal approximation to the Poisson distribution and a proof of a conjecture of Ramanujan. Bull. Amer. Math. Soc. 55, 396-401.
Review: MR 10(1949), 613
Users : Govindarajulu Z. (1965)
Class.: P:a:G 401
- CHERNOFF, H. and DALY, J. F. (1957). The distribution of shadows. J. Math. Mech. 6, 567-584.
Class.: 402
- CHEW, VICTOR (1964). Application of the negative binomial distribution with probability of misclassification. Virginia J. Sci. 15, 34-40.
Class.: NB:ie:O 403
- CHIANG, CHIN LONG (1951). On the design of mass medical surveys. Hum. Biol. 23, 242-271.
Users : Freund, J. E. (1956), Samuel, E. (1963), Blischke, W. R. (1964)
Class.: MI:gf:BM 404
- CHIANG, CHIN LONG (1957). An application of stochastic processes to experimental studies on flour beetles. Biometrics 13, 79-97.
Users : Chiang, C. L. (1960a)
Class.: B-P:pc-pe-gf-mi:BM 405
Notes : Correction, Biometrics 13, 543
- CHIANG, CHIN LONG (1960a). A stochastic study of the life table and its applications: I. Probability distributions of the biometric functions. Biometrics 16, 618-635.
Users : Chiang, C. L. (1960b)
Class.: M:mi-pe:BM 406
- CHIANG, CHIN LONG (1960b). On the probability of death from specific causes in the presence of competing risks. Proc. 4th Berkeley Symp. on Math. Statist. Probab. 4, 169-180.
Class.: M:mi-pe:BM 407
- CHIBOSOV, D. M. (1958). Limit distributions for the number of runs in Bernoulli trials (Summary). Theor. Probability Appl. 3, 199.
Class.: No classification 408
- CHIPPERFIELD, P. N. J. (1951). The breeding of *Crepidula fornicata* (L.) in the River Blackwater, Essex. J. Marine Biol. Assoc. 30(1), 49-71.
Class.: 409
- CHOUDHARY, NAZIR AHMAD (1947-48). A generalization of the binomial, Lexian and Poisson distributions. Math. Student 15, 8.
Review: MR 10(1949), 386
Class.: GBDP:m:G 410

- CHU, J. T., TOPP, C. W., LEONE, F. C. and HAYMAN, G. E. (1960). See Leone, F. C., Hayman, G. E., Chu, J. T. and Topp, C. W. (1960).
- CHUNG, J. H. (1950). Sequential sampling from finite lots when the proportion defective is small. J. Amer. Statist. Assoc. 45, 557-569.
Review: MR 12(1951), 510
Class.: P:pe-gf:BM-P 411
- CHUNG, KAI LAI (1941). On the probability of the occurrence of at least m -events among n arbitrary events. Ann. Math. Statist. 12, 328-338.
Review: MR 3(1942), 168
Class.: MI:mi:G 412
- CHUNG, KAI LAI and FELLER, W. (1949). On fluctuations in cointossing. Proc. Nat. Acad. Sci. USA 35, 605-608.
Review: MR 11(1950), 444
Users : Newell, D. (1965)
Class.: MI:pc:G 413
- CLAPHAM, A. R. (1932). The form of the observational unit in quantitative ecology. J. Ecol. 20(1), 192-197.
Users : Ashby, E. (1936), Archibald, E.E.A. (1949a), Myers, E. and Chapman, V. (1953)
Class.: 414
- CLAPHAM, A. R. (1936). Over-dispersion in grassland communities and the use of statistical methods in plant ecology. J. Ecol. 24(1), 232-251.
Users : Ashby, E. (1936), Singh, B. N. and Das, K. (1939), Fracker, S. B. and Brischle, H. (1944), Jones, E. W. (1945), Cole, L. C. (1946a), Whitford, P. B. (1949), Curtis, J. and McIntosh, R. (1950), Barnes, H. and Marshall, S. M. (1951), Barnes, H. and Stanbury, F. (1951), Dawson, G.W.P. (1951), Cain, S. A. and Evans, F. C. (1952), Grieg-Smith, P. (1952a), Skellam, J. G. (1952), Thomson, G. W. (1952), Evans, D. A. (1953), David, F. N. and Moore, P. G. (1954), Thompson, H. R. (1958)
Class.: 415
- CLARINGBOLD, P. J. (1955). Matrices in quantal analysis. Biometrics 11, 481-501.
Review: BA 30(1956), Ab.No. 18600
Users : Naylor, A. F. (1964)
Class.: 416
- CLARK, ANDREW and LEONARD, W. H. (1939). The analysis of variance with special reference to data expressed as percentages. J. Amer. Soc. Agron. 31, 55-66.
Users : Cochran, W. G. (1940), Curtiss, J. H. (1943a)
Class.: B:anovat:G 417

- CLARK, C. E. (1937). Note on the binomial distribution. Ann. Math. Statist. 8, 116-117.
Class.: B:osp:G 418
- CLARK, C. R. and KOOPMANS, L. R. (1959). Graphs of the hypergeometric O.C. and A.O.Q. functions for lot sizes 10 to 225. Monograph SCR-121, Sandia Corp.
Class.: H:sqc-tc:E 419
- CLARK, FRANK E. (1957). Truncation to meet requirements on means. J. Amer. Statist. Assoc. 52, 527-536.
Review: PA 33(1959), Ab.No. 2508
Class.: TCB-TCP:mi:G 420
- CLARK, P. J. (1956). Grouping in spatial distributions. Science 123, 373-374.
Class.: 421
- CLARK, P. J. and EVANS, F. C. (1954a). Distance to nearest neighbor as a measure of spatial relationships in populations. Ecology 35, 445-453.
Users : Clark, P. J. and Evans, F. C. (1954b), Thompson, H. R. (1956), Hairston, N. G. (1959), Waters, W. E. and Hensen, W. R. (1959), Bray, J. R. (1962)
Class.: P:mi:EM 422
- CLARK, P. J. and EVANS, F. C. (1955). On some aspects of spatial pattern in biological populations. Science 121, 397-398.
Users : Clark, P. J., (1956), Smith, J.H.G. and Ker, J.W. (1957), Pielou, E.C. (1960)
Class.: 423
- CLARK, P. J., ECKSTROM, P. T. and LINDEN, L. C. (1964). On the number of individuals per occupation in a human society. Ecology 45, 367-372.
Users : Patil, G. P. and Bildikar, S. (1966a), Patil, G. P. and Shorrocks, R. W. (1966)
Class.: LS:gf:S 424
- CLARK, R. B. and MILNE, A. (1955). The sublittoral fauna of two sandy bays on the Isle of Cumbrae, Firth of Clyde. J. Marine Biol. Assoc. 34(1), 161-180.
Class.: 425
- CLARK, ROBERT E. (1953). Percentage points of the incomplete beta function. J. Amer. Statist. Assoc. 48, 831-843.
Users : Crow, E. L. (1956), Fabian, V. (1959), Pachares, J. (1960)
Class.: B:tc:G 426
- CLARKE, R. D. (1946). An application of the Poisson distribution. J. Inst. Actuar. 72, 481
Class.: 427

B. CLEMANS, K. G. (1959). Confidence limits in the case of the geometric distribution. Biometrika 46, 260-264.

Class.: G:ie-tc:G

428

CLOPPER, C. J. and PEARSON, E. S. (1934). The use of confidence or fiducial limits illustrated in the case of the binomial. Biometrika 26, 404-413.

Review: BA 10(1936), Ab.No. 7706

Users : Ricker, W. E. (1937), Rietz, H. L. (1938), Scheffe, H. (1943-6), Eudey, M. W. (1949), Pearson, E. S. (1950), Stevens, W. L. (1950), Young, H., Neess, J. and Emlen, J. T. (1952), Birnbaum, A. (1953), Katz, L. (1953) Birnbaum, A. (1954b), Sterne, T. E. (1954), Walsh, J. E. (1955c), Crow, E. L. (1956), Buehler, R. J. (1957), Stevens, W. L. (1957), Clunies-Ross, C. W. (1958), Clemans, K. G. (1959), Blyth, C. R. and Hutchinson, D. W. (1960), Leon, F. C., Haynam, G. E. Chu, J. T. and Topp, C. W. (1960), Pratt, J. W. (1961)

Class.: B:ie-tp-tc:G

429

CLUNIES-ROSS, C. W. (1958). Interval estimation for the parameter of a binomial distribution. Biometrika 45, 275-279.

Users : Crow, E. L. and Gardner, R. S. (1959), Govindarajulu, Z. (1965)

Class.: B:ie:G

430

COBB, SIDNEY and BEALL, GEOFFREY (1961). See Beall, Geoffrey and Cobb, Sidney, (1961).

C. COCHRAN, W. G. (1936-37). The χ^2 distribution for the binomial and Poisson series, with small expectations. Ann. Eugenics 7, 207-217.

Users : Cochran, W. G. (1940), Tweedie, M.C.K. (1946), Tweedie, M.C.K. (1947), Seal, H. L. (1949), Robertson, A. (1951), Lancaster, H. O. (1952), Kathirgamatamby, N. (1953), Cochran, W. G. (1954), Rao, C. R. and Chakravarti, I. (1956), Chakravarti, I. and Rao, C. R. (1959), Bennett, B. M. and Hsu, P. (1961), Lancaster, H. O. (1961), Bennett, B. M. (1962a), Tweedie, M.C.K. (1965)

Class.: B-P:h:G

431

180. COCHRAN, W. G. (1940). The analysis of variance when experimental errors follow the Poisson or binomial laws. Ann. Math. Statist. 11, 335-347.

Review: MR 2(1941), 111

Users : Cochran, W. G. (1943), Curtiss, J. H. (1943a), Bhattacharyya, A. (1946), Bartlett, M. S. (1947)

Class.: B-P:anovat:G

432

COCHRAN, W. G. (1943). Analysis of variance for percentages based on unequal numbers. J. Amer. Statist. Assoc. 38, 287-301.

Users : Cochran, W. G. (1954)

Class.: B:anovat:G

433

- COCHRAN, WILLIAM G. (1950a). Estimation of bacterial densities by means of the 'most probable number'. Biometrics 6, 105-116.
Users : Madley, F. M. (1954), Harris, E. K. (1958), Thompson, K. H. (1962)
Class.: S:pe-ctp:BM 434
- COCHRAN, W. G. (1950b). The comparison of percentages in matched samples. Biometrika 37, 256-266.
Review: PA 25(1951), Ab.No. 5835
Users : Iyer, P.V.K. (1955)
Class.: B:tp:G 435
- COCHRAN, W. G. (1954). Some methods for strengthening the common χ^2 tests. Biometrics 10, 417-451.
Users : Cochran, W. G. (1955), Rao, C. R. and Chakravarti, I. (1956), Owens, G. H. and Leslie, P. (1958), Patil, G. P. (1959), Edwards, C. B. and Gurland, J. (1960), Griffiths, J. C. (1960), Bennett, B. M. and Hsu, P. (1961), Edwards, C. B. and Gurland, J. (1961), Rao, C. R. (1961), Williams, E. J. (1961b), Bennett, B. M. (1962b), Bennett, B. M. and Hsu, F. (1962), Bray, J. R. (1962), Keats, J. (1963), Keats, J. (1964), Lord, F. M. (1964), Quesenberry, C. P. and Hurst, D. C. (1964)
Class.: P-B-NB:m1:G 436
- COCHRAN, W. G. (1955). A test of a linear function of the deviations between observed and expected numbers. J. Amer. Statist. Assoc. 50, 377-397.
Class.: MI-B-F:gf:G 437
- COCHRAN, W. G. and HOPKINS, C. E. (1960). Some problems in multivariate classification using discrete variables. (Summary). J. Amer. Statist. Assoc. 55, 357-358.
Class.: MI:tp:G 438
- COHEN, A. C. (1954). Estimation of the Poisson parameter from truncated samples and from censored samples. J. Amer. Statist. Assoc. 49, 158-168.
Review: MR 15(1954), 637
Users : Moore, P. G. (1954a), Finney, D. J. and Varley, G. C. (1955), Rider, P. R. (1955b), Clark, F. E. (1957), Tate, R. F. and Goen, R. L. (1958), Patil, G. P. (1959), Cohen, A. C. (1960b), Cohen, A. C. (1960d), Cohen, A. C. (1960e), Singh, N. (1960), Cohen, A. C. (1961a), Cacoullos, T. (1962), Hughes, E. J. (1962), Doss, S.A.D.C. (1963), Doss, S.A.D.C., (1963)
Class.: TCP:pe:G 439
- COHEN, A. C. (1959a). Estimation in the Poisson distribution when sample values of $c+1$ are sometimes erroneously reported as c . Ann. Inst. Statist. Math. Tokyo 11, 189-193.
Class.: P:pe:G 440
- COHEN, A. C. (1959b). Tables for the sign test when observations are estimates of binomial parameters. J. Amer. Statist. Assoc. 54, 784-793.
Review: PA 35(1961), Ab.No. 56
Class.: B:ctp:G 441

- COHEN, A. C. JR. (1959c). Maximum likelihood estimation in a contagious distribution. Tech. Rep. 5, Institute Statist., Univ. Georgia, pp. 10.
Users : Cohen, A. C. Jr. (1959d)
Class.: G:m-pe-gf-tc:BM 442
- COHEN, A. C. JR. (1959d). Estimation in a binomial-negative binomial contagious distribution. Tech. Rep. 6, Institute Statist., Univ. Georgia, pp. 12.
Class.: GB:pe-gf-tc:BM 443
- COHEN, A. C. JR. (1959e). Estimating the Poisson parameter from truncated samples with missing zero observations. Tech. Rep. 15(rev.), Institute Statist., Univ. Georgia, pp. 11.
Class.: TCP:pe-tc:G 444
- COHEN, A. C. JR. (1960a). Extensions of the Poisson and the negative binomial distribution. (Abstract). Ann. Math. Statist. 31, 532.
Users : Cohen, A. C. Jr. (1961c)
Class.: No classification 445
- COHEN, A. C. JR. (1960b). Estimating the parameter in a conditional Poisson distribution. Biometrics 16, 203-211.
Review: MR 22(1961), 2177
Users : Cohen, A. C. Jr. (1960c), Cohen, A. C. Jr. (1961c), Martin, D. C. and Katti, S. K. (1962a), Martin, D. C. and Katti, S. K. (1962b), Patil, G. P. (1962e), Doss, S.A.D.C. (1963), Bardwell, G. E. and Crow, E. L. (1964), Cohen, A. C. Jr. (1965), Crow, E. L. and Bardwell, G. E. (1965), Katti, S. K. and Sly, L. E. (1965), Martin, D. and Katti, S. (1965), Tweedie, M.C.K. (1965)
Class.: TCP:pe-tc:G 446
- COHEN, A. C., JR. (1960c). An extension of a truncated Poisson distribution. Biometrics 16, 446-450.
Review: MR 22(1961), 2177
Users : Cohen, A. C. Jr. (1961c), Khatri, C. G. (1961), Khatri, C. G. and Patel, I. R. (1961), Cohen, A. C. Jr. (1965)
Class.: TCP:pe-gf:BM 447
- COHEN, A. C. JR. (1960d). Estimating the parameters of a modified Poisson distribution. J. Amer. Statist. Assoc. 55, 139-143.
Class.: OPR:pe:G 448
- COHEN, A. C. JR. (1960e). Estimation in truncated Poisson distribution when zeros and some ones are missing. J. Amer. Statist. Assoc. 55, 342-348.
Class.: TCP:pe-tc-gf:G-BM 449
- COHEN, A. C. JR. (1960f). Misclassified data from a binomial population. Technometrics 2, 109-113.
Review: MR 22(1961), 51
Class.: B:pe:G 450

- COHEN, A. C. JR. (1961a). Estimating the Poisson parameter from samples that are truncated on the right. Technometrics 3, 433-438.
 Review: MR 23A(1962), 685
 Users : Doss, S.A.D.C. (1963)
 Class.: TCP:pe-tc:G 451
- COHEN, A. C. JR. (1961b). Tables for maximum likelihood estimates: singly truncated and singly censored samples. Technometrics 3, 535-541.
 Review: MR 26(1963), 1082
 Users : Bliss, C. I. (1965)
 Class.: 452
- COHEN, A. C. JR. (1961c). On a class of pseudo-contagious distributions.
 Tech. Rep. 11, Institute Statist., Univ. Georgia, pp. 12.
 Users : Cohen, A. C. Jr. (1965)
 Class.: GB:pe-gf:G-BM 453
- COHEN, A. C. JR. (1965). Estimation in mixtures of discrete distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 373-378.
 Class.: P-B:pe-gf:G-E 454
- COHEN, B. H. and SAKODA, J. M. (1957). See Sakoda, J. M. and Cohen, B. H. (1957).
- COHEN, LEONARD (1958). On mixed single sample experiments. Ann. Math. Statist. 29, 947-971.
 Class.: B:tp:G 455
- COLE, L. C. (1945). A simple test of the hypothesis that alternative events are equally probable. Ecology 26(2), 202-205.
 Users : Cole, L. C. (1946)
 Class.: B:ctp-tp:G 456
- COLE, L. C. (1946a). A theory for analyzing contagiously distributed populations. Ecology 27, 329-341.
 Users : Ashby, E. (1948), Dice, L. R. (1948), Whitford, P. B. (1949), Curtis, J. and McIntosh, R. (1950), Thomson, G. W. (1952), Bliss, C. I. and Fisher, R. A. (1953), Pearson, P. G. (1955), Hairston, N. G. (1959), Jensen, P. (1959), Pielou, E. C. (1962)
 Class.: P-N-MI:mi-gf:BM 457
- COLE, L. C. (1946b). A study of the cryptozoa of an Illinois woodland. Ecol. Monogr. 16, 49-86.
 Users : Cole, L. C. (1946a), Cole, L. C. (1949), Kuenzler, E. J. (1958), Hairston, N. G. (1959), Jensen, P. (1959)
 Class.: P-N:gf:BM 458

- COLE, L. C. (1940). The measurement of interspecific association. Ecology 30, 411-424.
Users : Grieg-Smith, P. (1952b), Bliss, C. I. and Fisher, R. A. (1953), Fager, E. W. (1957)
Class.: MI:mi:BM 459
- COLLIS-BIRD, J. J. (1963). The Poisson distribution. Master's Thesis, McGill Univ.
Class.: No classification 460
- COMITA, G. W. and COMITA, J. J. (1957). The interval distribution patterns of a calanoid copepod population and a description of a modified Clarke-Bumpus plankton sampler. Limnology and Oceanography 2, 321-332.
Class.: 461
- COMITA, J. J. and COMITA, G. W. (1957). See Comita, G. W. and Comita, J. J. (1957).
- COMSTOCK, R. E. and ROBINSON, H. F. (1952). Genetic parameters, their estimation and significance. Proc. 6th Int. Grassland Congr. 1, 284-291.
Class.: 462
- CONSAEL, R. (1952a). Sur les processus composés de Poisson à deux variables aléatoires. Acad. Roy. Belg. Cl. Sci. Mém. Coll. in-8° 27(6), 1-44.
Review: MR 15(1954), 138
Class.: 463
- CONSAEL, R. (1952b). Sur les processus de Poisson du type composé. Acad. Roy. Belg. Bull. Cl. Sci. 38(5), 442-461.
Review: MR 14(1953), 293
Class.: 464
- CONSOLI, T. (1940). Généralisation d'un théorème sur la probabilité de la somme d'un nombre infini de variables aléatoires. Rev. Fac. Sci. Univ. Istambul Sér. A. 5, 1-17.
Review: MR 2(1941), 228
Users : Govindarajulu, Z. (1965)
Class.: 465
- COOPER, G. P. and LAGLER, K. F. (1956). The measurement of the fish population size. Trans. N. Amer. Wildlife Conf. 21, 281-297.
Class.: 466
- COOPER, L. H. N. (1947). The distribution of iron in the waters of the western English channel. J. Marine Biol. Assoc. 27, 279-359.
Class.: 467
- COPELAND, ARTHUR H. and REGAN, FRANCIS (1936). A postulational treatment of the Poisson law. Ann. of Math. 37, 357-362.
Class.: 468

- CORBET, A. S., WILLIAMS, C. B. and FISHER, R. A. (1943). See Fisher, R. A., Corbet, A. S. and Williams, C. B. (1943).
- CORNFIELD, JEROME and CHALKLEY, HERALD W. (1951). A problem in geometric probability. J. Washington Acad. Sci. 41, 226-229.
 Review: BA 26(1952), Ab.No. 5412
 Class.: MI:mi:G 469
- CORNFIELD, JEROME, MOSIMANN, JAMES E. and GURIAN, JOAN M. (1964). See Gurian, Joan M., Cornfield, Jerome and Mosimann, James E. (1964).
- CORSTEN, L. C. A. (1957). Partition of experimental vectors connected with multinomial distributions. Biometrics 13, 451-484.
 Review: MR 19(1958), 1095
 Users: Patil, G. P. and Bildikar, S. (1966a)
 Class.: M:mi:G 470
- COSTA, M. A. F. (1953). On the graduation of discrete frequency distributions. Bol. Inst. Actuar. Port. 8, 21-27.
 Class.: 471
- COTA, P. and PATIL, G. P. (1962). See Patil, G. P. and Cota, P. (1962).
- COTE, L. and SKIBINSKY, M. (1963). See Skibinsky, M. and Cote, L. (1963).
- COTTAM, G., CURTIS, J. T. and CATANA, A. J. JR. (1957). Some sampling characteristics of a series of aggregated populations. Ecology 38, 610-622.
 Class.: 472
- COTTAM, G., CURTIS, J. T. and HALE, B. W. (1953). Some sampling characteristics of a population of randomly dispersed individuals. Ecology 34, 741-757.
 Class.: P:gf-h:BM 473
- COUMETOU, M. (1950). Abaques pour la determination des erreurs sur les proportions et sur leur difference. (English summary). Travail Hum. 13, 104-108.
 Review: PA 25(1951), Ab.No. 2746
 Class.: B:tc-ctp:G 474
- COWDEN, DUDLEY J. (1946). An application of sequential sampling to testing students. J. Amer. Statist. Assoc. 41, 547-556.
 Class.: B:tp:S 475
- CCX, D. R. (1952). Estimation by double sampling. Biometrika 39, 217-227.
 Review: PA 28(1954), Ab.No. 118
 Users: Birnbaum, A. and Healy, W. C. (1960)
 Class.: MI-B:se:G 476

- COX, D. R. (1953). Some simple approximate tests for Poisson variates.
Biometrika 40, 354-360.
 Review: MR 15(1954), 332
 Users : Birnbaum, A. (1954b), Ellner, H. (1963)
 Class.: P:a-ctp-ie-anovat:E 477
- COX, D. R. (1955). Some statistical methods connected with series of events.
J. Roy. Statist. Soc. Ser. B 17, 129-164.
 Users : Johnson, N. L. (1959)
 Class.: 478
- COX, D. R. (1960). Serial sampling acceptance schemes derived from Bayes' theorem. Technometrics 2, 353-360.
 Review: MR 22(1961), 1032
 Class.: MI:scq:E 479
- COX, D. R. (1963). Large sample sequential tests for composite hypotheses.
Sankhya 25A, 5-12.
 Class.: B:ctp:G 480
- COX, D. R. and BENSON, F. (1951). See Benson F. and Cox, D. R. (1951).
- COX, D. R. and SMITH, W. L. (1957). On the distribution of *Tribolium confusum* in a container. Biometrika 44, 328-335.
 Class.: MI:m:BM 481
- CRABB, W. D. and EMIK, L.O. (1946). Evaluating rat baits by field acceptance trials on Guam. J. Wildlife Managem. 10, 162-171.
 Class.: 482
- CRAIG, C. C. (1936). Sheppard's corrections for a discrete variable. Ann. Math. Statist. 7, 55-61.
 Class.: 483
- CRAIG, C. C. (1953a). On the utilization of marked specimens in estimating populations of flying insects. Biometrika 40, 170-176.
 Users : Sen, P. K. (1960), Pathak, P. K. (1964)
 Class.: TCP-OMR:pe:BM 484
- CRAIG, C. C. (1953b). On a method of estimating biological populations in the field. Biometrika 40, 216-218.
 Class.: B:pe:BM 485
- CRAIG, C. C. (1953c). Note on the use of fixed number of defectives and variable sample sizes in sampling by attributes. Industrial Quality Control 9(7), 83-86.
 Class.: NB:scq:E 486

- CRAIG, C. C. (1962). On the mean and variance of the smaller of two drawings from a binomial population. Biometrika 49, 566-569.
Review: MR 28(1964), 338
Class.: B:os-m:G 487
- CRAIG, R. and UPHOLT, W. M. (1940). See Upholt, W. M. and Craig, R. (1940).
- CRAMER, G. F. (1948). An approximation to the binomial summation. Ann. Math. Statist. 19, 592-594.
Review: MR 10(1949), 465
Users : Govindarajulu, Z. (1965)
Class.: B:a:G 488
- CRAMER, HAROLD (1964). Model building with the aid of stochastic processes. Technometrics 6, 133-159.
Class.: 489
- CRAWLEY, J. F., RHODES, A. J. and REID, D. B. W. (1949). See Reid, D.B.W., Crawley, J. F. and Rhodes, A. J. (1949).
- CRESSWELL, W. L. and FROGGATT, P. (1963). The causation of bus driver accidents: An epidemiological study. Oxford Univ. Press.
Class.: No classification 490
- CRONHOLM, JAMES N. (1964). A two-variable generating function for computing the sampling probabilities of a class of widely used statistics. J. Amer. Statist. Assoc. 59, 487-491.
Class.: MI:mi:G 491
- CROSS, K. W. and HOGBEN, L. (1952). See Hogben, L. and Cross, K. W. (1952).
- CROW, E. L. (1956). Confidence intervals for a proportion. Biometrika 43, 423-435.
Review: MR 19(1958), 1204
Users : Stevens, W. L. (1957), Clemans, K. G. (1959), Crow, E. L. and and Gardner, R. S. (1959), Blyth, C. R. and Hutchinson, D. W. (1960), Pachares, J. (1960), Pratt, J. W. (1961)
Class.: B:ie-tc:G 492
Notes : Correction, Biometrika 45, 291.
- CROW, E. L. (1958a). A property of additively closed families of distributions. Ann. Math. Statist. 29, 892-897.
Class.: G-P-MI:osp:G 493
- CROW, E. L. (1958b). The mean deviation of the Poisson distribution. Biometrika 45 556-559.
Users : Katti, S. K. (196Ca), Bardwell, G. E. (1961), Kamat, A. R. (1965)
Class.: P-B:m:G 494

- CROW, E. L. and BARDWELL, GEORGE E. (1964). See Bardwell, George E. and Crow, E. L. (1964).
- CROW, E. L. and BARDWELL, GEORGE E. (1965). Estimation of the parameters of the hyper-Poisson distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 127-140.
Class.: OPR:pe:G-BM-P 495
- CROW, E. L. and GARDNER, R. S. (1959). Confidence intervals for the expectation of a Poisson variable. Biometrika 46, 441-453.
Users : Bardwell, G. E. and Crow, E. L. (1964),
Class.: P:ie-tc:G 496
- CRUON, R. and KAUFMAN, A. (1961). See Kaufman, A. and Cruon, R. (1961).
- CSISZAR, I. (1962). On the dimension and entropy of order α and of the mixture of probability distributions. Acta Math. Acad. Sci. Hungar. 13, 245-255.
Review: MR 27(1964), 166
Class.: MI:mi:G 497
- CURME, G. L. and BLYTH, C. R. (1960). See Blyth, C. R. and Curme, G. L. (1960).
- CURTIS, J. T. (1955). A note on recent work dealing with the spatial distribution of plants. J. Ecol. 43, 309.
Class.: 498
- CURTIS, J. T. and MCINTOSH, R. P. (1950). The interrelations of certain analytic and synthetic phytosociological characters. Ecology 31, 434-455.
Users : Thomson, G. W. (1952), Clark, P. J. and Evans, F. C. (1954a)
Class.: P-MI:mi:BM 499
- CURTIS, J. T., CATANA, A. J. JR. and COTTAM, G. (1957). See Cottam, G., Curtis, J. T. and Catana, A. J. Jr. (1957).
- CURTIS, J. T., HALE, B. W. and COTTAM, G. (1953). See Cottam, G., Curtis, J. T. and Hale, B. W. (1953).
- CURTISS, J. H. (1941). Generating functions in the theory of statistics. Amer. Math. Monthly 48, 374-386.
Users : Curtiss, J. H. (1943b)
Class.: 500
- CURTISS, J. H. (1943a). On transformations used in the analysis of variance. Ann. Math. Statist. 14, 107-122.
Review: MR 5(1944), 128
Users : Ghurye, S. G. (1949), Freeman, M. F. and Tukey, J. W. (1950), Blom, G. (1954), Laubscher, N. F. (1960)
Class.: P-B:anovat:G 501

CURTISS, J. H. (1943b). Convergent sequences of probability distributions.
Amer. Math. Monthly 50, 94-105.
 Users : Curtiss, J. H. (1943a), Govindarajulu, Z. (1965)
 Class.: OBR-P:a:G 502

CZEN, PIN and DZAN DZO (1961). On estimating the size of population by
 capture-mark method. Zastos. Mat. 6, 51-63.
 Users : Pathak, P. K. (1964)
 Class.: 503

- D -

DABONI, L. (1959). A property of Poisson distributions. (Italian). Boll.
Un. Mat. Ital. 14, 318-320.
 Users : Castoldi, L. (1959)
 Class.: 504

DACUNHA-CASTELLE, DIDIER and BRETAGNOLLE, JEAN (1964). See Bretagnolle,
 Jean and Dacunha-Castelle, Didier (1964).

DAHL, E. (1960). Some measures of uniformity in vegetation analysis.
Ecology 41, 805-808.
 Class.: LS:mi:BM 505

DALY, J. F. and CHERNOFF, H. (1957). See Chernoff, H. and Daly, J. F. (1957).

DALY, J. F. and WILKS, S. S. (1939). See Wilks, S. S. and Daly, J. F. (1939).

DANDEKAR, V. M. (1955). Certain modified forms of binomial and Poisson
 distributions. Sankhyā 15, 237-250.
 Review: MR 17(1956), 278
 Users : Basu, D. (1955), Martin, L. (1961)
 Class.: OBR-OPR:mb-pe-gf:G-BM 506

DANIELS, H. E. (1954). Saddlepoint approximations in statistics. Ann. Math.
Statist. 25, 631-650.
 Users : Good, I. J. (1957a), Good, I. J. (1958), Good, I. J. (1961b),
 Good, I. J. (1961c), Williams, E. J. (1961b), Douglas, J. B. (1965)
 Class.: MI:a:G 507

DANIELS, H. E. (1961). Mixtures of geometric distributions. J. Roy. Statist.
Soc. Ser. B 23, 409-413.
 Review: MR 24A(1962), 452
 Users : Govindarajulu, Z. (1965)
 Class.: G-MI:pc:G 508

- DARROCH, J. N. (1964). On the distribution of the number of successes in independent trials. Ann. Math. Statist. 35, 1317-1321.
Review: MR 29(1965), 330
Users : Samuels, S. M. (1964), Samuels, S. (1965)
Class.: GBDP:osp:G 509
- DARWIN, J. H. (1957). The power of the Poisson index of dispersion. Biometrika 44, 286-289.
Users : Bennett, B. M. (1959), Bennett, B. M. (1962a)
Class.: P:ld:G 510
- DARWIN, J. H. (1959). Note on a three-decision test for comparing two binomial populations. Biometrika 46, 106-113.
Class.: B:ctp:G 511
- DARWIN, J. H. (1960). An ecological distribution akin to Fisher's logarithmic distribution. Biometrics 16, 51-60.
Users : Mosimann, J. E. (1962), Bosch, A. J. (1963), Nelson, W. C. and David, H. A. (1964)
Class.: MI:mb-pe-gf:BM 512
- DAS, K. and SINGH, B. N. (1939). See Singh, B. N. and Das. K. (1939).
- DAS, S. R. (1953a). A mathematical analysis of the phenomena of human twins and higher plural births. I. Twins. Metron 17(1-2), 65-88.
Class.: MI:mb-mi:BM 513
- DAS, S. R. (1953b). A mathematical analysis of the phenomena of human twins and higher plural births. II. Triplets and the application of the analysis in the interpretation of the twin and triplet data. Metron 17(3-4), 67-92.
Class.: MI:mb:BM 514
- DAS, S. R. (1956). A mathematical analysis of the phenomena of human twins and higher plural births. III. Metron 18(1-2), 219-262.
Class.: MI:mi:BM 515
- DAVENPORT, W. B. JR. (1950). A study of speech probability distributions.
Tech. Rep. 148, Res. Lab. Electronics, Mass. Institute Tech.
Class.: 516
- DAVID, F. N. (1950). Two combinatorial tests of whether a sample has come from a given population. Biometrika 37, 97-110.
Users : Barton, D. E. and David, F. N. (1959a), Jones, H. L. (1959), Nicholson, W. L. (1960), Nicholson, W. L. (1961), Laurent, A. G. (1965)
Class.: OMR:gf:G 517

- DAVID, F. N. (1955a). The transformation of discrete variables. Ann. Human Genetics 19, 174-182.
 Review: MR 16(1955), 940
 Users : Govindarajulu, Z. (1965)
 Class.: P-B-NB:anovat-tp-ctp:G 518
- DAVID, F. N. (1955b). Studies in the history of probability and statistics. I. Dicing and gaming (a note on the history of probability). Biometrika 42, 1-15.
 Class.: MI:mi:G 519
- DAVID, F. N. and BARTON, D. E. (1956). See Barton, D. E. and David, F. N. (1956).
- DAVID, F. N. and BARTON, D. E. (1957). See Barton, D. E. and David, F. N. (1957).
- DAVID, F. N. and BARTON, D. E. (1959a). See Barton, D. E. and David, F. N. (1959a).
- DAVID, F. N. and BARTON, D. E. (1959b). See Barton, D. E. and David, F. N. (1959b).
- DAVID, F. N. and BARTON, D. E. (1959c). See Barton, D. E. and David, F. N. (1959c).
- DAVID, F. N. and BARTON, D. E. (1959d). See Barton, D. E. and David, F. N. (1959d).
- DAVID, F. N. and BARTON, D. E. (1962). Combinatorial chance. Charles Griffin (London)
 Class.: No classification 520
- DAVID, F. N. and JOHNSON, N. L. (1950). The probability integral transformation when the variable is discontinuous. Biometrika 37, 42-49.
 Class.: MI-B-P:mi:G 521
- DAVID, F. N. and JOHNSON, N. L. (1952). The truncated Poisson, Biometrics 8, 275-285.
 Review: MR 14(1953), 65
 Users : Plackett, R. L. (1953), Cohen, A. C. Jr. (1954), Moore, P. G. (1954a), Aitchison, J. (1955), Finney, D. J. and Varley, G. C. (1955), Rider, P. R. (1955b), Sampford, M. R. (1955), Rao, C. R. and Chakravarti, I. (1956), Roy, J. and Mitra, S. K. (1957), Brass, W. (1958a), Hartley, H. O. (1958), Tate, R. F. and Goen, R. L. (1958), Chakravarti, I. M. and Rao, C. R. (1959), Cohen, A. C. (1959d), Cohen, A. C. (1959e), Irwin, J. O. (1959), Patil, G. P. (1959), Barton, D. E., David, F. N. and Merrington, M. (1960), Cohen, A. C. (1960b), Cohen, A. C. (1960d), Cohen, A. C. (1960e), Bardwell, G. E. (1961), Cohen, A. C. (1961a), Cohen, A. C. (1961c), Patil, G. P. (1961b), Hughes, E. J. (1962),

Patil, G. P. (1962b), Patil, G. P. (1962e), Rider, P. R. (1962b), Doss, S.A.D.C. (1963), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1966)

Class.: TCP-NB: id-pe:G

522

DAVID, F. N. and JOHNSON, N. L. (1953). Reciprocal Bernoulli and Poisson variables. An. Fac. Ci. Porto 37, 200-203.

Review: MR 19(1958), 187

Users : Johnson, N. L. (1960), Govindarajulu, Z. (1962b), Govindarajulu, Z. (1962c), Govindarajulu, Z. (1962d), Govindarajulu, Z. (1962e), Govindarajulu, Z. (1963)

Class.: OBR-OPR:m:G

523

DAVID, F. N. and MOORE, P. G. (1954). Notes on contagious distributions in plant populations. Ann. Bot. Lond. N. S. 18, 47-53.

Review: BA 29(1955), Ab.No. 15577

Users : David, F. N. (1955a), Barton, D. E. (1957), Pielou, E. C. (1962)

Class.: MI:h:BM

524

DAVID, F. N. and MOORE, P. G. (1957). A bivariate test for the clumping of supposedly random individuals. Ann. Bot. Lond. N.S. 21, 315-320.

Users : Barton, D. E. and David, F. N. (1959a)

Class.:

525

DAVID, F. N., MERRINGTON, M. and BARTON, D. E. (1960). See Barton, D. E., David, F. N. and Merrington, M. (1960).

DAVID, H. A. (1952). An operational method for derivation of relations between moments and cumulants. Metron 16(3-4), 41-47.

Review: BA 27(1953), Ab.No. 31362

Class.. MI:m:G

526

DAVID, H. A. (1960). A conservative property of binomial tests. Ann. Math. Statist. 31, 1205-1207.

Review: MR 22(1961), 1465

Users : Darroch, J. N. (1964), Samuels, S. M. (1964)

Class.: B:tp:G

527

DAVID, H. A. and NELSON, W. C. (1964). See Nelson, W. C. and David, H. A. (1964).

DAVID, H. A. and NORMAN, J. E. JR. (1965). Exact distribution of the sum of independent identically distributed discrete random variables. J. Amer. Statist. Assoc. 60, 837-842.

Class.: MI:mi:G

528

DAVID, H. T. and EDWARDS, C. B. (1962). See Edwards, C. B. and David, H. T. (1962).

- DAVID, H. T. and MENGIDO, R. M. (1963). Asymptotically exact truncation in binomial sequential analysis. (Abstract). Ann. Math. Statist. 34, 1617-1618.
Class.: No classification 529
- DAVIES, O. L. (1933). On asymptotic formulae for the hypergeometric series. I. Hypergeometric series in which the fourth element, x , is unity. Biometrika 25, 295-322.
Review: BA 9(1935), Ab.No. 2371
Users : Davies, O. L. (1934), Wise, M. E. (1954), Johnson, N. L. (1960), Govindarajulu, Z. (1965)
Class.: H:a:G 530
- DAVIES, O. L. (1934). On asymptotic formulae for the hypergeometric series. II. Hypergeometric series in which the fourth element, x , is not necessarily unity. Biometrika 26, 59-107.
Review: BA 9(1935), 15359
Class.: H:a:G 531
- DAVIES, R. O. and LEECH, J. W. (1954). The statistics of scaled random events. Proc. Cambridge Philos. Soc. 50, 575-580.
Review: MR 16(1955), 272
Class.: OPR:pc-m:P 532
- DAVIS, D. E., KOMAREK, E. V. and WOOD, J. E. (1958). See Wood, J. E., Davis, D. E. and Komarek, E. V. (1958).
- DAVIS, D. H. S. and LESLIE, P. H. (1939). See Leslie, P. H. and Davis, D.H.S. (1939).
- DAVIS, D. J. (1952). An analysis of some failure data. J. Amer. Statist. Assoc. 47, 113-150.
Users : Birnbaum, A. (1954b), Duker, S. (1955)
Class.: P:gf-ie:E-G 533
- DAVIS, HAROLD T. (1927). Elementary derivation of the fundamental constants in the Poisson and Lexis frequency distributions. Amer. Math. Monthly 34, 183-188.
Class.: OBR:m:G 534
- DAWKINS, C. J. (1939). Tussock formation by *Schoenus nigricans*: the action of fire and water erosion. J. Ecol. 27, 78-88.
Class.: 535
- DAWSON, G. W. P. (1951). A method for investigating the relationship between the distribution of individuals of different species in a plant community. Ecology 32, 332-334.
Class.: MI:h:EM 536

- DEBOER, J. (1953). Sequential test with three possible decisions for testing an unknown probability. Appl. Sci. Res. B 3, 249-259.
Review: MR 15(1954), 727
Class.: B:tp:G 537
- DECASTRO, G. (1952a). Note on differences of Bernoulli and Poisson variables. Portugal. Math. 11, 173-175.
Review: MR 14(1953), 566
Users: Shanfield, F. (1964)
Class.: B-P:mi:G 538
- DECASTRO, G. (1952b). Elementos da estatística da distribuição binomial. Rev. Med. Veterinaria 47, 153-168.
Class.: 539
- DEFINETTI, B. (1953-4). Una legge riguardante l'estinzione nei processi di eliminazione. Giorn. Ist. Ital. Attuari, 16, 94-99.
Review: MR 16(1955), 147
Class.: 540
- DEGROOT, MORRIS H. (1959). Unbiased sequential estimation for binomial populations. Ann. Math. Statist. 30, 80-101.
Users: Nadler, J. (1960), Brainerd, B. and Narayana, T. V. (1961), Narayana, T. V. and Sathe, Y. S. (1961), Nelson, A. C. Jr., Williams, J. S. and Fletcher, N. T. (1963), Wasan, M. T. (1964), Knight, W. (1965), Wason, M. T. (1965)
Class.: B-NB:se:G 541
- DEJONG, A. J., DEWOLFF, P. and SITTIG, J. (1950). See deWolff, P., Sittig, J. and deJong, A. J. (1950).
- DEJONGH, B. H. (1961). A short note on extended Poisson processes. Skand. Aktuarietidskr. 44, 210-211.
Class.: 542
- DELAPORTE, PIERRE (1959). Quelques problèmes de statistique mathématique posés par l'assurance automobile et le bonus pour non sinistre. Bull. Trimest. Inst. Actuaire Franc. 70, 87-102.
Users: Dickerson, O. D., Katti, S. K. and Hofflander, A. E. (1961)
Class.: 543
- DELURY, D. B. (1947). On estimation of biological populations. Biometrics 3, 145-157.
Users: Bailey, N.T.J. (1951), Chapman, D. G. (1952b), Chapman, D. G. (1954), Cooper, G. and Lagler, K. (1956), Pathak, P. K. (1964)
Class.: MI:mb-pe:BM 544

- DELURY, D. B. (1951). On the planning of experiments for the estimation of fish populations. J. Fisheries Res. Board Canada 8, 281-307.
Users : Chapman, D. (1952b), Chapman, D. G. (1954), Geiss, A. D. (1955)
Cooper, G. and Lagler, K. (1956)
Class.: 545
- DELURY, D. B. (1958). The estimation of population size by a marking and recapture procedure. J. Fisheries Res. Board Canada 15, 19-25.
Class.: 546
- DEMOIVRE, ABRAHAM (1718). The doctrine of chance
Class.: 547
- DEVOL, L. and RUARK, A. (1936). See Ruark, A. and Devol, L. (1936).
- DEWOLFF, P., SITTING, J. and DEJONG, A. J. (1950). Frequentie verdelingen. Statistica Neerlandica 4, 89-120.
Class.: 548
- DEWS, PETER B., HIGGINS, GEORGE M. and BERKSON, JOSEPH (1954). Error of the determination of the Ecsinophil count in the peritoneal fluid of the rat. Biometrics 10, 221-226.
Class.: 549
- DHRUVARAJAN, P. S. and SINGAL, M. K. (1957). A note on moments and cumulants. Math. Student 25, 27-32.
Review: MR 20(1959), 719
Class.: MI:m:G 550
- DIAMANTIDES, N. D. (1956). Analogue computer generation of probability distributions for operations research. Comm. and Electronics, 23, 86-91.
Class.: 551
- DICE, L. R. (1948). Relationship between frequency index and population density. Ecology 29, 389-391.
Class.: P:h:BM 552
- DICE, L. R. (1952). Measure of spacing between individuals within a population. Contr. Lab. Vert. Biol. Univ. Mich. 55, 1-23.
Users : Cain, S. A. and Evans, F. C. (1952), Clark, P. J. and Evans, F. C. (1954a), Clark, P. J. and Evans, F. C. (1954b) Johnston, R. F. (1956a), Hairston, N. G. (1959)
Class.: 553
- DICKERSON, O. D., KATTI, S. K. and HOFFLANDER, A. E. (1961). Loss distribution in non-life insurance. J. Insurance 28, 45-54.
Class.: P-NB-COB:mi:S 554

- DICKSON, CHARLOTTE (1920). On a theorem in the theory of probabilities.
Amer. Math. Monthly 27, 166-167.
 Class.: G:m:O 555
- DIEULEFAIT, C. (1939). On incomplete moments (Spanish). Rev. Ci. (Lima) 41,
 543-547.
 Review: MR 1(1940), 245
 Class.: 556
- DILLEY, N. R. (1963a). Some probability distributions and their associated
 structures. Part I. Math. Mag. 36, 175-179.
 Users : Carlitz, L. (1963)
 Class.: B:mi:G 557
- DILLEY, N. R. (1963b). Some probability distributions and their associated
 structures. Part II. Math. Mag. 36, 227-231.
 Class.: MI:mi:G 558
- DOBRUSHIN, R. L. (1956). On Poisson's law for distribution of particles in
 space. Ukrain. Math. Z. 8, 127-134.
 Class.: 559
- DODD, EDWARD L. (1913). The probability integral deduced by means of develop-
 ments in finite form. Amer. Math. Monthly 20, 123-127.
 Class.: B:a:G 560
- DODD, S. C. (1952). On all-or-none elements and mathematical models for
 sociologists. Amer. Sociol. Rev. 17, 167-177.
 Class.: 561
- DOIG, ALISON (1957). A bibliography on the theory of queues. Biometrika 44,
 490-514.
 Users : Winsten, C. B. (1959)
 Class.: No classification 562
- DOMB, C. (1948). Some probability distributions connected with recording
 apparatus. Proc. Cambridge Philos. Soc. 44, 335-341.
 Users : Domb, C. (1950)
 Class.: P:pc:G 563
- DOMB, C. (1950). Some probability distributions connected with recording
 apparatus. II. Proc. Cambridge Philos. Soc. 46, 429-435.
 Class.: P:pc:G 564

- DOMB, C. (1952). On the use of a random parameter in combinatorial problems. Proc. Phys. Soc. 65, 305-309.
Review: SA 55A(1952), Ab.No. 4854 565
Class.:
- DOMB, C. (1954). On multiple returns in the random walk problem. Proc. Cambridge Philos. Soc. 50, 586-591.
Users : Good, I. J. (1958) 566
Class.: MI:pc-a:G
- DONNELLY, J. and MACLEOD, J. (1958). See MacLeod, J. and Donnelly, J. (1958).
- DOORNBOS, R. and PRINS, H. J. (1958a). On slippage tests. I. A general type of slippage test and a slippage test for normal variates. Nederl. Akad. Wetensch. Proc. Ser. A 61, (Indag. Math. 20), 38-46.
Class.: MI:tp:G 567
- DOORNBOS, R. and PRINS, H. J. (1958b). On slippage tests. II. Slippage tests for discrete variates. Nederl. Akad. Wetensch. Proc. Ser. A 61, (Indag. Math. 20), 47-55.
Class.: P-B-NB-MI:tp-osp:G 568
- DOORNBOS, R. and PRINS, H. J. (1958c). On slippage tests. III. Two distribution-free slippage tests and two tables. Nederl. Akad. Wetensch. Proc. Ser. A 61, (Indag. Math. 20), 438-447.
Class.: P:tp-tc:G 569
- DORMER, K. J. and BRETT, D. W. (1960). See Brett, D. W. and Dormer, K. J. (1960).
- DOSS, S. A. D. C. (1963). On the efficiency of best asymptotically normal estimates of the Poisson parameter based on singly and doubly truncated or censored samples. Biometrics 19, 588-594.
Review: MR28(1964), 511
Class.: TCP:pe:G 570
- DOUGLAS, J. B. (1955). Fitting the Neyman type A (two parameter) contagious distribution. Biometrics 11, 149-173.
Review: MR 16(1955), 1039; MR 20(1959), 600
Users : Barton, D. E. (1957), Sprott, D. A. (1958), Shumway, R. and Gurland, J. (1960a), Shumway, R. and Gurland, J. (1960b), Shumway, R. and Gurland, J. (1960c), Martin, D. C. and Katti, S. K. (1962a), Martin, D. C. and Katti, S. K. (1962b), Martin, D. C. and Katti, S. K. (1962c), Blischke, W. R. (1965), Gurland, J. (1965), Katti, S. K. and Sly, L. E. (1965), Martin, D. and Katti, S. K. (1965), Sprott, D. A. (1965b)
Class.: N:pe-gf-tc:G 571
- DOUGLAS, J. B. (1956). Tables of Poisson power moments. Biometrika 43, 489.
Review: MR 18(1957), 238
Class.: P:m-tc:G 572

- DOUGLAS, J. B. (1965). Asymptotic expansions for some contagious distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 291-302.
Class.: MI-N:a:G 573
- DOUGLASS, R. D. and RUTLEDGE, GEORGE (1936). See Rutledge, George and Douglass, R. D. (1936).
- DOUST, J. F. and JOSEPHS, K. J. (1941). A simple introduction to the use of statistics in telecommunications engineering. III. The Poisson probability law. P. O. Elect. Engrs. J. 34, 139-144
Review: SA 45A(1952), Ab.No. 9
Class.: 574
- DUBEY, SATYA D. (1965). The compound Pascal distributions. (Abstract). Ann. Math. Statist. 36, 734
Class.: No classification 575
- DUBINS, L. E. (1957). A discrete evasion game. Contri. to the theory of games III, Ann. Math. Stud. 39, Princeton Univ., pp. 231-255.
Class.: 576
- DUBOURDIEU, JULES (1938a). Remarques relatives à la théorie de l'assurance-accidents. C. R. Acad. Sci. Paris 206, 303-305.
Users: Feller, W. (1943)
Class.: 577
- DUBOURDIEU, JULES (1938b). Les Fonctions absolument monotones et la théorie mathématique de l'assurance-accidents. C. R. Acad. Sci. Paris 206, 556-557.
Class.: 578
- DUDLEY, F. H., BUSHLAND, P. C., BAUMHOVER, A. H., GRAHAM, A. J., BITTER, B. A., HOPKINS, D. E. and NEW, W. D. (1955). See Baumhover, A. H., Graham, A. J., Bitter, B. A., Hopkins, D. E., New, W. D., Dudley, F. H. and Bushland, R. C. (1955).
- DUGUÉ, DANIEL (1941). Sur quelques exemples de factorisation de variables aléatoires. C. R. Acad. Sci. Paris 212, 838-840.
Review: MR 3(1942), 2
Class.: P:osp:G 579
- DUKAR, SAM (1952). The Poisson distribution and its significance to educational research. Ph. D. Thesis, Columbia Univ.
Review: PA 27(1953), Ab.No. 7498
Class.: No classification 580

- DUKAR, SAM (1955). The Poisson distribution in educational research. J. Expt. Educ. 23, 263-269.
Review: PA 30(1956), Ab.No. 1895
Class.: 581
- DUMAS, M. (1951). L'évaluation des probabilités des lois binomiales. J. Soc. Statist. Paris 92(7-8-9), 227-233.
Class.: 582
- DUMAS, M. (1952). L'interprétation des séries de résultats blancs et noirs. Mem. Artillerie Française 26, 589-624.
Review: MR 14(1953), 1102
Class.: 583
- DUNN, E. R. and ALLENDOERFER, C. B. (1949). The application of Fisher's formula to collections of Panamanian snakes. Ecology 30, 533-536.
Class.: LS:gf:EM 584
- DURBIN, J. (1961). Some methods of constructing exact tests. Biometrika 48, 41-55.
Class.: 585
- DWASS, MEYER and TEICHER, HENRY (1957). On infinitely divisible random vectors. Ann. Math. Statist. 28, 461-470.
Users: Edwards, C. B. (1962), Fuchs, C. E. and David, H. (1965a)
Class.: P-MP:pe-mi:G 586
- DYNKIN, E. B. (1950). On sufficient and necessary statistics for families of probability distributions. (Russian). Dokl. Akad. Nauk SSSR 75, 161-164.
Class.: 587
- DYNKIN, E. B. (1951). Necessary and sufficient statistics for a family of probability distributions. (Russian). Uspehi Mat. Nauk 6(41), 68-90.
Class.: 588
- DZAN-DZO, I. (1961). On minimax estimation of the parameter in binomial distribution. (Polish). Zastos. Mat. 6, 31-42.
Class.: 589

- E -

- EADIE, G. S. and TURNER, M. E. (1957). See Turner, M. E. and Eadie, G. S. (1957).
- EBERHARDT, L. and WHITLOCK, S. C. (1956). See Whitlock, S. C. and Eberhardt, L. (1956).
- ECKSTROM, P. T., LINDEN, L. C. and CLARK, P. J. (1964). See Clark, P. J. Eckstrom, P. T. and Linden, L. C. (1964).

- EDERER, FRED, MYERS, MAX H. and MANTEL, NATHAN (1964). A statistical problem in space and time: do leukemia cases come in clusters? Bio-metrics 20, 626-638.
Class.: 590
- EDIE, LESLIE C. (1954). Traffic delays at toll booths. J. Operations Res. Soc. America 2, 107-138.
Class.: 591
- EDIE, LESLIE C. (1955). Expectancy of multiple vehicular breakdowns in a tunnel. J. Operations Res. Soc. America 3, 513-522.
Class.: 592
- EDWARDS, A. W. F. (1958). An analysis of Geissler's data on the human sex ratio. Ann. Human Genetics 23, 6-15.
Users : Edwards, A.W.F. (1960), Edwards, A.W.F. and Fraccaro, M. (1960)
Class.: NH:gf:BM 593
- EDWARDS, A. W. F. (1960a). On a method of estimating frequencies using the negative binomial distribution. Ann. Human Genetics 24, 313-318.
Review: BA 36(1961), Ab.No. 29327
Class.: NB:pe-m:BM 594
- EDWARDS, A. W. F. (1960). The meaning of binomial distribution. Nature 186, 1074.
Class.: ORR:mb:G 595
- EDWARDS, A. W. F. and FRACCARO, M. (1960). Distribution and sequences of sexes in a selected sample of Swedish families. Ann. Human Genetics 24, 245-252.
Class.: 596
- EDWARDS, ALLEN L. (1964). Expected values of discrete random variables and elementary statistics. Wiley (New York).
Review: P. G. Moore, 1964, J. Amer. Statist. Assoc., 59, 1317-1318.
Class.: No classification 597
- EDWARDS, C. B. (1962). Multivariate and multiple Poisson distributions. Ph. D. Thesis, Iowa State Univ.
Users : Patil, G. P. and Bildikar S. (1966a)
Class.: No classification 598
- EDWARDS, C. B. and GURLAND, J. (1960). A class of distributions applicable to accidents. MRC Tech. Summary Rep. 172, Univ. Wisconsin, pp. 22.
Class.: MNB-NM:gf:A 599

- EDWARDS, C. B. and GURLAND, J. (1961). A class of distributions applicable to accidents. J. Amer. Statist. Assoc. 56, 503-517.
Users : Blischke, W. R. (1965), Haight, F. (1965a)
Class.: MNB-NM:gf:A 600
- EDWARDS, C. B. and DAVID, H. T. (1962). Poisson limits of bivariate run distributions. (Abstract). Ann. Math. Statist. 33, 1489.
Class.: No classification 601
- EFRON, BRADLEY (1965). Increasing properties of Polya frequency functions. Ann. Math. Statist. 36, 272-279.
Review: MR 30(1965), 311
Class.: MI:mi:G 602
- EGERT, P. (1954). The mathematical principles of traffic statistics. (German). Tech. und Volkswirt. Ber. Wirtschaftsund Verkehrsminist. Nordrhein-Westfalen pp. 34.
Class.: 603
- EGGENBERGER, F. and POLYA, G. (1923). Über die Statistik verketteter Vorgänge. Z. Angew. Math. Mech. 3, 279-289.
Users : Kitagawa, T. (1940), Kitagawa, T. (1941b), Kitagawa, T., Huruya, S. and Yazima, T. (1942), Feller, W. (1943), vonSchelling, H. (1949a), Janossy, L., Renyi, A. and Aczel, J. (1950), Johnson, N. L. (1951), Martin, L. (1961), Martin, L. (1962b), Bosch, A. J. (1963), Kitagawa, T. (1965)
Class.: 604
- EHRENBERG, A. S. C. (1959). The pattern of consumer purchases. Appl. Statist. 8, 26-41.
Users : Ehrenberg, A.S.C. (1963), Ehrenberg, A.S.C. (1964), Chatfield, C. Ehrenberg, A.S.C. and Goodhardt, G. J. (1965), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1966)
Class.: NB:gf-pe-pc-ctp-mb:S 605
- EHRENBERG, A. S. C. (1963). Verified predictions of consumer purchasing patterns. Commentary 10, 1-6.
Class.: NB:gf-mb-pe-p:S 606
- EHRENBERG, A. S. C. (1964). Estimating the proportion of loyal buyers. J. Marketing Res. 1, 56-59.
Users : Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1965), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1966)
Class.: NB:p:S 607
- EHRENBERG, A. S. C., GOODHARDT, G. J. and CHATFIELD, C. (1965). See Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1965).
- EHRENBERG, A. S. C., GOODHARDT, G. J. and CHATFIELD, C. (1966). See Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1966).

- EIDELNANT, M. I. (1958). Approximate formulas for hypergeometric distribution.
Izv. Akad. Nauk. UzSSR. Ser. Fiz.-Mat. Nauk. 5, 79-92.
 Review: MR 22(1961), 1458
 Class.: 608
- EISENBERG, H. B., GEOGHAGEN, R. R. M. and WALSH, J. E. (1962). A general probability model for binomial events, with application to surgical mortality.
 SP-612, System Develop. Corp., California, pp. 11.
 Class.: 609
- EISENBERG, HERBERT B., GEOGHAGEN, R. R. M. and WALSH, J. E. (1963). A general probability model for binomial events, with application to surgical mortality.
Biometrics 19, 152-157.
 Class.: B:pe:BM 610
- ELASHOFF, ROBERT M. (1963). Multivariate two sample problems with discrete and continuous variables. Ph. D. Thesis, Harvard Univ.
 Class.: No classification 611
- ELASHOFF, ROBERT M. (1964). Discriminatory analysis with binomial variables.
 (Abstract). Biometrics 20, 902-903.
 Class.: No classification 612
- ELKIN, J. M. (1953). Estimating the ratio between the proportions of two classes when one is a sub-class of the other. J. Amer. Statist. Assoc. 48, 128-130.
 Class.: MI:pe:G 613
- ELLNER, HENRY (1963). Validating results of sampling inspection by attributes.
Technometrics 5, 23-46.
 Class.: B-P-H:a-tp:E 614
- ELMAGHRABY, SALAH, MORSE, NORMAN and BECHHOFFER, ROBERT E. (1959). See Bechhofer, Robert E., Elmaghraby, Salah and Morse, Norman (1959).
- ELVEBACK, L. (1958). Actuarial estimation of survivorship in chronic disease.
J. Amer. Statist. Assoc. 53, 420-440
 Class.: B:pe:BM 615
- EMIK, L. O. (1947). Statistical treatment of counts of trichostronglid eggs.
Biometrics 3, 89-93.
 Class.: 616
- EMIK, L. O. and CRABB, W. D. (1946). See Crabb, W. D. and Emik, L. O. (1946).
- EMLEN, J. T. JR., YOUNG, H. and NEESS, J. (1952). See Young, H., Neess, J. and Emlen, J. T. Jr. (1952).

- ENGELBERG, O. (1965). On some problems concerning a restricted random walk.
J. Appl. Prob. 2, 396-404.
 Class.: 617
- EPSTEIN, B. (1954). Tables for the distribution of the number of exceedances.
Ann. Math. Statist. 25, 762-768.
 Users : Sarkadi, K. (1957a)
 Class.: MI:tc:G 618
- ERDOS, P. and RENYI, A. (1961). On a classical problem of probability theory.
 (Russian summary). Magyar Tud. Akad. Mat. Kutat⁶ Int. Közl. 6, 215-220.
 Review: MR 27(1964), 167
 Class.: MI-P:a:G 619
- ERLANG, A. K. (1909). Probability calculus and telephone conversations.
 (Danish). Nyt Tidsskrift for Matematik B 20, 33-
 Class.: 620
- ERLANG, A. K. (1917). Solutions or some problems of probability calculus of
 significance for automatic telephone switchboards. (Danish).
Elektroteknikeren 13, 5-
 Class.: 621
- ERLANG, A. K. (1918).
P. O. Elect. Engrs. J. 10, 189.
 Class.: 622
- ERICKSON, R. O. and STEHN, J. R. (1945). A technique for analysis of population
 density data. Amer. Midland Nat. 33, 781-787.
 Class.: 623
- EROKHIN, U. (1958a). ϵ -Entropy of a discrete random variable. (Russian.
 English summary). Teor. Verojatnost. i Primenen. 3, 103-107.
 Review: MR 20(1959), 126
 Class.: MI:mi:G 624
- EROKHIN, U. (1958b). ϵ -Entropy of a discrete random variable. Theor. Pro-
 bability Appl. 3, 97-100.
 Class.: MI:mi:G 625
- ESSCHER, F. (1932). On the probability function in the collective theory of
 risk. Skand. Aktuarietidskr. 15, 175-195.
 Class.: 626
- EUDEY, MARK W. (1949). On the treatment of discontinuous random variables.
 Tech. Rep. 13, Statist. Lab., Univ. California, pp. 52.
 Users : Pearson, E. S. (1950), Abdel-Aty, S. H. (1954), David, F. N.
 (1955a), Buehler, R. J. (1957), Stevens, W. L. (1957), Crow, E. L. and
 Gardner, R. S. (1959), Blyth, C. R. and Hutchinson, D. W. (1960)
 Class.: B-P:pe-ie-tp:G 627

- EVANS, D. A. (1953). Experimental evidence concerning contagious distributions in ecology. Biometrika 40, 186-211.
Users : Moore, P. G. (1954b), Pielou, E. C. (1957), Bliss, C. I. and Owen, A.R.G. (1958), Gurland, J. (1958), Ehrenberg, A.S.C. (1959), Gurland, J. (1959), Jensen, P. (1959), Waters, W. (1959), Waters, W. and Hensen, W. R. (1959), Katti, S. K. (1960d), Katti, S. K. and Gurland, J. (1961), Khatri, C. G. (1961), Khatri, C. G. and Patel, I. R. (1961), Katti, S. K. and Gurland, J. (1962b), Martin, D. C. and Katti, S. K. (1962a), Pielou, E. C. (1962), Ehrenberg, A.S.C. (1963), Blischke, W. R. (1965), Bowman, K. O. and Shenton, L. R. (1965b), Gurland, J. (1965), Katti, S. K. and Sly, L. E. (1965), Shenton, L. R. and Myers, R. (1965)
Class.: N-NB-GP:pe-gf:BM 628
- EVANS, D. A. and PHILIP, U. (1964). On the Distribution of Mendellian ratios. Biometrics 20, 794-817.
Class.: 629
- EVANS, F. C. (1942). Studies of a small mammal population in Baley Wood, Berkshire. J. Animal Ecol. 11, 182-197.
Users : Hayne, D. W. (1949)
Class.: 630
- EVANS, F. C. (1952). The influence of size of quadrat on the distributional patterns of plant populations. Contr. Lab. Vertebrate Biol. Univ. Mich. 54, 1-15.
Users : Comita, G. W. and Comita, J. J. (1957), Bliss, C. I. and Owen, A.R.G. (1958), Hairston, N.G. (1959)
Class.: 631
- EVANS, F. C. and CAIN, S. A. (1952). See Cain, S. A. and Evans, F. C. (1952).
- EVANS, F. C. and CAIN, S. A. (1952). Preliminary studies on the vegetation of an old-field community in southeastern Michigan. Contr. Lab. Vertebrate Biol. Univ. Mich. 51, 1-17.
Class.: 632
- EVANS, F. C. and CLARK, P. J. (1954). See Clark, P. J. and Evans, F. C. (1954).
- EVANS, W. D. (1940). Note on the moments of a binomially distributed variate. Ann. Math. Statist. 11, 106-107.
Review: MR 1(1940), 247
Class.: B:m:G 633

- F -

- FABIAN, VACLAV (1959). Some modifications of interval estimation and choice of number of observations for a binomial random variable. Apl. Mat. 4, 35-52.
Review: MR 21(1960), 581
Class.: B:tp-ie-a:G 634

FAIRBANKS, C. W. and WHITTAKER, R. H. (1958). See Whittaker, R. H. and Fairbanks, C. W. (1958).

FALESCHINI, L. (1949). Sullo schema generale del problema delle prove ripetute con probabilita indipendenti. Riv. Italiana di Demografia e Statist. 3, 37-59

Class.:

635

FARMER, E. and CHAMBERS, E. G. (1939). A study of accident proneness among motor drivers. Rep. 84, Industrial Health Res. Board, London: H. M. Stationery Office.

Users : Greenwood, M. (1950), Arbous, A. and Kerrich, J. (1951), Bates, G. E. (1955), Edwards, C. B. and Gurland, J. (1960), Edwards, C. B. and Gurland, J. (1961), Haight, F. (1965a)

Class.:

636

FARRIS, D. A. (1958). Diet-induced variation in the free amino acid complex of *Sardinops caeruleus*. J. Conseil 23(2), 235-244.

Class.:

637

FEIN, H., GOLDSMITH, D., NEYMAN, J., PURI, P. S. and BUHLER, W. (1965). See Buhler, W., Fein, H., Goldsmith, D., Neyman, J. and Puri, P. S. (1965).

FELLER, W. (1943). On a general class of "contagious" distributions. Ann. Math. Statist. 14, 389-400.

Review: MR 5(1944), 209

Users : Maceda, E. C. (1948), Robbins, H. (1948), Shenton, L. R. (1949), Anscombe, F. J. (1950a), Janossy, L., Renyi, A. and Aczel, J. (1950), Johnson, N. L. (1951), Morgan, M. E., MacLeod, P., Anderson, E. O., Bliss, C. I. (1951), Schmetterer, L. (1952), Bliss, C. I. and Fisher, R. A. (1953), David, F. N. and Moore, P. G. (1954), Taylor, W. F. (1956), Gurland, J. (1957), McGuire, J., Brindley, T. A. and Bancroft, T. A. (1957), Bliss, C. I. (1958), Crow, E. L. (1958a), Gurland, J. (1958), Skellam, J. G. (1958b), Cohen, A. C. (1959c), Gurland, J. (1959), Patil, G. P. (1959), Waters, W. E. and Hensen, W. R. (1959), Cohen, A. C. (1960c), Edwards, C. B. and Gurland, J. (1960), Katti, S. K. (1960d), Pielou, E. C. (1960), Shumway, R. and Gurland, J. (1960b), Shumway, R. and Gurland, J. (1960c), Teicher, H. (1960a), Bardwell, G. E. (1961), Dickerson, O. D., Katti, S. K. and Hofflander, A. E. (1961), Edwards, C. B. and Gurland, J. (1961), Khatri, C. G. and Patel, I. R. (1961), Teicher, H. (1961), Cassie, R. M. (1962), Martin, D. C. and Katti, S. K. (1962a), Martin, D. C. and Katti, S. K. (1962b), Pielou, E. C. (1962), Tsao, C. M. (1962), Yassky, D. (1962), Bosch, A. J. (1963), Blischke, W. R. (1964), Blischke, W. R. (1965), Gurland, J. (1965), Katti, S. K. and Sly, L. E. (1965), Sprott, D. A. (1965b)

Class.: N-NB-(OP-GP-MI:mi-mb:G

638

FELLER, W. (1945). On the normal approximation to the binomial distribution. Ann. Math. Statist. 16, 319-329.

Review: MR 7(1946), 459

Users : Cheng, T. T. (1949), Walsh, J. E. (1952), Nicholson, W. L. (1956),
Brown, R. (1963), Hannan, J. and Harkness, W. (1963), Mott-Smith, J. C.
(1964), Govindarajulu, Z. (1965)
Class.: B:a:G 639

FELLER, W. (1948). On Probability problems in the theory of counters.
Courant Anniversary Volume, pp. 105-115.
Users : Domb, C. (1950), Haight, F. (1959a), Jewell, W. S. (1960)
Class.: 640

FELLER, W. (1951). The problem of n liars and Markov chains. Amer. Math.
Monthly 58, 606-608.
Class.: MI:pc:G 641

FELLER, W. (1957). An introduction to probability theory and its applications.
John Wiley and Sons, Inc., New York, Vol. 1.
Class.: No classification 642

FELLER, W. and CHUNG, KAI LAI (1949). See Chung, Kai Lai and Feller, W. (1949).

FERGUSON, T. S. (1962). A characterization of the geometric distribution.
(Abstract). Ann. Math. Statist. 33, 1207.
Users : Patil, G. P. and Seshadri, V. (1964), Shanfield, F. (1964)
Class.: No classification 643

FERRERI, C. (1958). An important new model of dependence. (Italian).
Ann. Fac. Econ. Com. Palermo 12, 221-238.
Class.: 644

FIDLER, J. E. (1961). Properties of the multivariate Poisson distribution.
Master's Thesis, Pennsylvania State Univ.
Class.: No classification 645

FILIPELLO, F., BAKER, G. A., AMERINE, M. A., ROESSLER, E. B. (1960). See
Baker, G. A., Amerine, M. A., Roessler, E. B. and Filipello, F. (1960).

FINNEY, D. J. (1947-49). The truncated binomial distribution. Ann. Eugenics
14, 319-328.
Review: MR 11(1950), 42
Users : Moore, P. G. (1954a), Rider, P. R. (1955b), Roy, J. and Mitra,
S. K. (1957), Hartley, H. O. (1958), Patil, G. P. (1959), Patil, G. P.
(1962d), Patil, G. P. (1962e), Rider, P. R. (1962b), Jewell, D. (1965)
Class.: TCB:pe-c-tc:G-BM 646

FINNEY, D. J. (1948). Transformation of frequency distributions. Nature
162, 898.
Review: PA 23(1949), Ab.No. 5867
Class.: MI:anovat:G 647

FINNEY, D. J. (1949). On a method of estimating frequencies. Biometrika 36, 233-234.

Users : Anscombe, F. J. (1949b), Sandelius, M. (1950), Sandelius, M. (1951a), Sandelius, M. (1951b), Sandelius, M. (1951c), Nadler, J. (1960), Bartko, J. J. (1961b), Bartko, J. J. (1962), Patil, G. P. (1963c), Knight, H. (1965)

Class.: NB:pe:G

648

FINNEY, D. J. and LEANDER, E. K. (1956). See Leander, E. K. and Finney, D. J. (1956).

FINNEY, D. J. and VARLEY, G. C. (1955). An example of the truncated Poisson distribution. Biometrics 11, 387-394.

Review: PA 30(1956), Ab.No. 3738

Users : Roy, J. and Mitra, S. K. (1957), Cohen, A. C. (1959e), Patil, G. P. (1959), Irwin, J. O. (1959), Cohen, A. C. (1960b), Cohen, A. C. (1960e), Cohen, A. C. (1961a), Patil, G. P. (1962e)

Class.: TCP:pe-gf:BM

649

FINUCAN, H. M. (1964). The mode of multinomial distribution. Biometrika 51, 513-517.

Class.:

650

FISCHER, CARL H. (1942). A sequence of discrete variables exhibiting correlation due to common elements. Ann. Math. Statist. 13, 97-101.

Review: MR 4(1943), 23

Class.: OBR:pc-m:G

651

FISHER, R. A. (1923-25). Theory of statistical estimation. Proc. Cambridge Philos. Soc. 22, 700-725.

Users : Claringbold, P. J. (1955), Bardwell, G. E. (1961), Rao, C. R. (1961), Patil, G. P. and Wani, J. K. (1965)

Class.: B-P-MI:pe:G

652

FISHER, R. A. (1939). Stage of development as a factor influencing the variance in the number of offspring, frequency of mutants and related quantities. Ann. Eugenics 9, 406-408.

Class.:

653

FISHER, R. A. (1941). The negative binomial distribution. Ann. Eugenics 11, 182-187.

Review: MR 4(1943), 26

Users : Fisher, R. A., Corbet, A. S. and Williams, C. B. (1943), Wise, M. E. (1946), Bowen, M. F. (1947), Anscombe, F. J. (1949a), Shenton, L. R. (1949), Anscombe, F. J. (1950a), Oakland, G. B. (1950), Shenton, L. R. (1950), Wadley, F. M. (1950), Morgan, M. E., MacLeod, P., Anderson, E. and Bliss, C. I. (1951), Sichel, H. S. (1951), Binet, F. E. (1953), Bliss, C. I. and Fisher, R. A. (1953), David, F. N. and Moore, P. G. (1954), Moore, P. G. (1954b), Rider, P. R. (1955b), Sampford, M. R. (1955), Smith, J.H.G. and Ker, J. W. (1957), Bliss, C. I. and Owen, A.R.G. (1958), Brass, W. (1958a), Shenton, L. R. (1958), Sprott, D. A. (1958), Cohen, A. C.

(1959d), Gurland, J. (1959), Patil, G. P. (1959), Waters, W. (1959), Edwards, A.W.F. (1960a), Katti, S. K. (1960d), Patil, G. P. (1960c), Bartko, J. J. (1961b), Rider, P. R. (1961), Katti, S. K. and Gurland, J. (1962b), Martin, D. C. and Katti, S. K. (1962b), Martin, D. C. and Katti, S. K. (1962c), O'Carroll, F. M. (1962), Rider, P. R. (1962a), Tsao, C. M. (1962), Blischke, W. R. (1965), Bowman, K. O. and Shenton, L. R. (1965a), Bowman, K. O. and Shenton, L. R. (1965b), Katti, S. K. and Sly, L. E. (1965), Martin, D. and Katti, S. (1965), Patil, G. P. and Wani, J. K. (1965), Shenton, L. R. and Myers, R. (1965)
 Class.: NB:pe-gf:G 654

FISHER, R. A. (1950). The significance of deviations from expectation in a Poisson series. Biometrics 6, 17-24.
 Users : Skellam, J. G. (1952), Binet, F. E. (1953), Rao, C. R. and Chakravarti, I. (1956), Fitzpatrick, R. (1958), Williams, E. J. (1961b), Cassie, R. M. (1962), Patil, G. P. and Wani, J. K. (1965)
 Class.: P:ld-gf:G
 Notes : Reprinted, Biometrics 20, 265-272. 655

FISHER, R. A. (1954). The analysis of variance with various binomial transformations. Biometrics 10, 130-139.
 Review: MR 16(1955), 271
 Users : Claringbold, P. J. (1955), Naylor, A. F. (1964), Patil, G. P. and Wani, J. K. (1965)
 Class.: B:ano t:G
 Notes : Discussion, Biometrics 10, 140-151. 656

FISHER, R. A. and BLISS, C. I. (1953). See Bliss, C. I. and Fisher, R. A. (1953).

FISHER, R. A., CORBET, A. S. and WILLIAMS, C. B. (1943). The relation between the number of species and the number of individuals in a random sample from an animal population. J. Animal Ecol. 12, 42-58.
 Users : Harrison, J. L. (1943), Riddell, W.J.B. (1944), Williams, C. B. (1944), Williams, C. B. (1944a), Williams, C. B. (1944b), Williams, C. B. (1947), Williams, C. B. (1947b), Williams, C. B. (1947c), Jones, P.C.T., Mollison, J. E. and Quenouille, M. H. (1948), Kendall, D. G. (1948), Preston, F. W. (1948b), Anscombe, F. J. (1949a), Archibald, E.E.A. (1949a), Dunn, E. R. (1949), Quenouille, M. H. (1949), Williams, C. B. (1949), Anscombe, F. J. (1950a), Williams, C. B. (1950), Hunter, G. C. and Quenouille, M. H. (1952), Williams, C. B. (1952), Brian, M. V. (1953), Good, I. J. (1953), Myers, E. and Chapman, V. (1953), Williams, C. B. (1953), Good, I. J. and Toulmin, G. (1956), Good, I. J. (1957b), MacArthur, R. (1957), Bliss, C. I. (1958), Gurland, J. (1959), Hairston, N. G. (1959), Waters, W. (1959), Dahl, E. (1960), Gower, J. C. (1961), Taylor, C. J. (1961), Patil, G. P. (1962b), Siromoney, G. (1962), Tsao, C. M. (1962), Clark, P. J., Eckstrom, P. T., and Linden, L. C. (1964), Nelson, W. C. and David, H. A. (1964), Williamson, E. and Bretherton, M. (1964), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1965), Gurland, J. (1965), Haight, F. (1965b), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1966), Patil, G. P. and Shorrock, R. W. (1966)

Class.: LS:mb-pe-gf:BM

657

FISHER, R. A., THORNTON, H. G. and MACKENZIE, W. A. (1922). The accuracy of the plating method of estimating the density of bacterial populations. Ann. Appl. Biol. 2, 325-359.

Users : Lancaster, H. O. (1952), Tippet, L.H.C. (1955), Turner, M. E. and Eadie, G. S. (1957), Bennett, B. M. (1959), Bennett, B. M. (1962a), Thompson, K. H. (1962)

Class.:

658

FISZ, M. (1953a). The limiting distributions of sums of arbitrary independent and equally distributed r-point random variables. Studia Math. 14, 111-123.

Class.: MI-OPR:pc-a:G

659

FISZ, M. (1953b). The limiting distribution of the difference of two Poisson random variables. (Polish. English and Russian summaries). Z. Mat. 1, 41-45.

Review: MR 15(1954), 138

Users : Fisz, M. (1955a), Shanfield, F. (1964), Govindarajulu, Z. (1965)

Class.:

660

FISZ, M. (1954a). The limiting distributions of the multinomial distribution. Studia Math. 14, 272-275

Review: MR 16(1955), 834

Users : Fisz, M. (1955b), Govindarajulu, Z. (1965)

Class.: M-OPR:a:G

661

FISZ, M. (1954b). Accuracy of an asymptotical formula. (Polish. English and Russian summaries). Z. Mat. 2, 62-66.

Review: MR 16(1955), 1034

Users : Govindarajulu, Z. (1965)

Class.:

662

FISZ, M. (1955a). Refinement of a probability limit theorem and its application to Bessel functions. (Russian summary). Acta. Math. Acad. Sci. Hungar. 6, 199-202.

Review: MR 19(1958), 184

Users : Shanfield, F. (1964)

Class.: P:a:G

663

FISZ, M. (1955). The limiting distribution of a function of two independent random variables and its statistical application. Colloq. Math. 3, 138-146.

Users : Fisz, M. (1955a)

Class.:

664

FISZ, M. (1955b). A limit theorem for a modified Bernoulli scheme. Studia Math. 15, 80-83.

Review: MR 17(1956), 634

Users : Govindarajulu, Z. (1965)

Class.: M-OPR:a:G

664_a

- FISZ, M. (1956). Die Grenzverteilungen der Multinomialverteilung. Ber. Tagung Wahrsch. rechnung Math. Statist., Berlin, pp. 51-53.
Review: MR 18(1957), 605
Class.: 665
- FISZ, M. (1958). Characterization of some probability distributions. Skand. Aktuartidskr. 41, 65-67.
Class.: 666
- FISZ, M. and URBANIK, K. (1955). The analytical characterization of the composed non-homogeneous Poisson process. Bull. Acad. Polon. Sci. Classe III 3, 149-150.
Class.: 667
- FISZ, M. and URBANIK, K. (1956). Analytical characterization of a composed, non-homogeneous Poisson process. Studia Math. 15, 328-336.
Class.: 668
- FITCH, F. R. and HARTLEY, H. O. (1951). See Hartley, H. O. and Fitch, E. R. (1951).
- FITZPATRICK, R. (1958). The detection of individual differences in accident susceptibility. Biometrics 14, 50-68.
Users: Edwards, C. B. and Gurland, J. (1960), Edwards, C. B. and Gurland, J. (1961), Subrahmaniam, K. (1964)
Class.: P-NB-MP-NM:cm:A 669
- FITZPATRICK, R., VASILAS, J. N. and PETERSON, R. O. (1953). Personnel and training factors in fighter aircraft accidents. Res. Lab. Rep. 37, Hum. Factors Operation, U. S. A. F.
Class.: 670
- FLETCHER, N. T., NELSON, A. C. JR. and WILLIAMS, J. S. (1963). See Nelson, A. C. Jr., Williams, J. S. and Fletcher, N. T. (1963).
- FLOREK, K., MARCZEWSKI, E. and RYLL-NARDZEWSKI, C. (1953). Remarks on the Poisson stochastic process. Studia Math. 13, 122-129.
Users: Prekopa, A. (1957a)
Class.: 671
- FLUCKIGER, FRITZ A., TRIPP, CLARENCE A. and WEINBERG, GEORGE H. (1960). See Weinberg, George H., Fluckiger, Fritz A. and Tripp, Clarence A. (1960).
- FOERSTER, R. D. (1936). An investigation of the life history and propagation of the sockeye salmon (*Oncorhynchus nerka*) at Cultus Lake, British Columbia. No. 5. The life history cycle of the 1926 year class with artificial propagation involving the liberation of free-swimming fry. J. Fisheries Res. Board Canada 2(3), 311-333.
Users: Ricker, W. E. (1937)
Class.: 672

- FOLGER, J. (1953). Confidence limits tables for small samples of binomially distributed data. Memo. 6, Hum. Resources Res. Inst., Maxwell A. F. Base, Alabama.
Class.: 673
- FORBES, T. W. (1951). Statistical techniques in the field of traffic engineering and traffic research. Proc. 2nd Berkeley Symp. Math. Statist. Prob., pp. 603-625.
Class.: 674
- FORSYTH, C. H. (1924). Simple derivations of the formulas for the dispersion of a statistical series. Amer. Math. Monthly 31, 190-196.
Class.: B:anovat:G 675
- FORSYTHE, H. Y. JR. and GYRISCO, GEORGE C. (1961). Determining the appropriate transformation of data from insect control experiments for use in the analysis of variance. J. Econ. Ent. 54, 859-861.
Class.: 676
- FORTET, R. (1950). Calcul des probabilités. Centre National de la Recherche Scientifique, Paris.
Class.: No classification 677
- FORTET, R. (1956). Random distributions with an application to telephone engineering. Proc. 3rd Berkeley Symp. Math. Statist. Prob., 2, 81-88.
Class.: 678
- FORTET, R. and BLANC-LAPIERRE, A. (1955). See Blanc-Lapierre, A. and Fortet, R. (1955).
- FOSTER, F. G. (1952a). A Markov chain derivation of discrete distributions. Ann. Math. Statist. 23, 624-627.
Review: MR 14(1953), 663
Class.: P-NB-MI:pc-mi:G 679
- FOSTER, R. E. and JOHNSON, A. L. S. (1963). Assessments of pattern, frequency distribution, and sampling of forest disease in Douglas Fir plantations. Publ. 1011, Canada Dept. Forestry, Studies in Forest Pathology, pp. 52.
Class.: 680
- FOSTER, R. E. and PIELOU, E. C. (1962). See Pielou, E. C. and Foster, R. E. (1962).
- FOURNIER, G. (1952). Sur la distribution moyenne des nombres premiers. C. R. Acad. Sci. Paris 234, 2411-2413.
Class.: 681
- FRACCARO, M. and EDWARDS, A. W. F. (1958). See Edwards, A.W.F. and Fraccaro, M. (1958).

FRACCARO, M. and EDWARDS, A. W. F. (1960). See Edwards, A.W.F. and Fraccaro, M. (1960).

FRACKER, S. B. and BRISCHLE, H. A. (1944). Measuring the local distribution of Ribes. Ecology 25, 283-303.
Users : Cole, L. C. (1946a), Whitford, P. B. (1949), Curtis, J. and McIntosh, R. (1950), Wadley, F. M. (1950), Cain, S. A. and Evans, F. C. (1952), Thomson, G. W. (1952), Beall, G. and Rescia, R. R. (1953), Bliss, C. I. and Fisher, R. A. (1953), Waters, W. E. and Hensen, W. R. (1959)
Class.: P-N:h-gf:BM 682

FRAME, J. S. (1945). Mean deviation of the binomial distribution. Amer. Math. Monthly 52, 377-379.
Review: MR 7(1946), 128
Users : Crow, E. L. (1958b), Bardwell, G. E. (1961), Kamat, A. R. (1965)
Class.: B:m:G 683

FRANCHETTI, S. (1943). Probabilità di errore nelle distribuzioni di Poisson. Pont. Acad. Sci. Comment. 7, 697-708.
Review: MR 10(1949), 200
Class.: 684

FRANKEL, E. T. (1950). A calculus of figurate numbers and finite differences. Amer. Math. Monthly 57, 14-25.
Class.: MI:mi:G 685

FRANKEN, PETER (1963). Approximation durch Poissonsche Prozesse. Math. Nachr. 26, 101-114.
Class.: 686

FRANKEN, PETER (1964). Approximation der Verteilungen von Summen unabhängiger nichtnegativer ganzzahliger Zufallsgrößen durch Poissonsche Verteilungen. Math. Nachr. 27, 303-340.
Class.: 687

FRASER, D. A. S. (1963). On the sufficiency and likelihood principles. J. Amer. Statist. Assoc. 58, 641-647.
Class.: MI:pe:G 688

FRASER, D. A. S. and GUTTMAN, IRWIN (1952). Bhattacharyya bounds without regularity assumptions. Ann. Math. Statist. 23, 629-632.
Class.: B:pe:G 689

FRASER, D. A. A., THOMAS, J. B. and GHENT, A. W. (1957). See Ghent, A. W., Fraser, D.A.S. and Thomas, J. B. (1957).

FRASER, G. R. (1963). Parental origin of the sex chromosomes in the XO and XXY karyotypes in man. Ann. Human Genetics 26, 297-304.
Class.: 690

- FRECHET, MAURICE (1944). Les systèmes d'événements et le jeu des rencontres. Rev. Mat. Hisp.-Amer. 4(4), 95-126.
Review: MR 6(1945), 231
Class.: 691
- FRECHET, MAURICE (1947). The general relation between the mean and the mode for a discontinuous variate. Ann. Math. Statist. 18, 290-293.
Review: MR 9(1948), 45
Class.: MI:mi:G 692
- FRECHET, MAURICE (1948-49). Sur l'estimation statistique. Ann. Soc. Polon. Math. 21, 207-213.
Review: MR 11(1950), 42
Class.: B:ie:G 693
- FREEDMAN, DAVID A. (1962). Poisson processes with random arrival rate. Ann. Math. Statist. 33, 924-929.
Class.: 694
- FREEDMAN, DAVID A. (1963a). On the asymptotic behavior of Bayes' estimates in the discrete case. Ann. Math. Statist. 34, 1386-1403.
Review: MR 28(1964), 341
Class.: 695
- FREEDMAN, DAVID A. (1963b). L'urne de Bernard Friedman. C. R. Acad. Sci. Paris 257, 3809.
Review: MR 28(1964), 506
Class.: MI:a:G 696
- FREEMAN, M. F. and TUKEY, J. W. (1950). Transformations related to the angular and the square root. Ann. Math. Statist. 21, 607-611.
Review: MR 12(1951), 344
Users: Blom, G. (1954), David, F. N. (1955a), Raff, M. S. (1956), Wishart, J. (1956), Gupta, S. S. and Sobel, M. (1958), Birnbaum, A. and Healy, W. C. (1960), Laubscher, N. F. (1960), Laubscher, N. F. (1961)
Class.: B-P:anovat:G 697
- FREIMER, M., GOLD, B. and TRITTER, A. L. (1959). The Morse distribution. IRE Trans. 5, 25-31.
Review: MR 22(1961), 1711
Class.: 698
- FREUDENBERG, K. (1951). Die Grenzen für die Anwendbarkeit des Gesetzes der kleinen Zahlen. Metron 16(1-2), 285-310.
Class.: 699
- FREUND, J. E. (1950). The degree of stereotypy. J. Amer. Statist. Assoc. 45, 265-269.
Class.: M:tp:G 700

- FREUND, J. E. (1951a). Some observations on Laplace's rule of succession and Perk's rule of indifference. J. Inst. Actuar. 77, 439-444.
Class.: 701
- FREUND, J. E. (1951b). The transfer distribution. Math. Mag. 25, 63-66.
Class.: OBR:mb-mi:G 702
- FREUND, J. E. (1956). Some methods of estimating the parameters of discrete heterogeneous populations. J. Roy. Statist. Soc. Ser. B 18, 222-226.
Review: MR 18(1957), 606
Class.: MI:pe:G 703
- FREUND, J. E. (1957). Some results on recurrent events. Amer. Math. Monthly 64, 718-720.
Class.: 704
- FRIEDE, G. (1950a). Pascalische Verteilungen, Confidence-und Fiduzialschluss. Mitteilungsbl. Math. Statist. 2, 171-183.
Class.: 705
- FRIEDE, G. (1950b). Über reziprozitätsbeziehungen in der wahrscheinlichkeitsrechnung. (German. English, French and Russian summaries). Z. Angew. Math. Mech. 30, 65-72.
Review: MR 11(1950), 604
Class.: 706
- FRIEDMAN, E. A., MILLER, G. A. and NEWMAN, E. B. (1958). See Miller, G. A., Newman, E. B. and Friedman, E. A. (1958).
- FRIEDMAN, L. (1956). A competitive-bidding strategy. Operations Res. 4, 104-112.
Class.: 707
- FRIEDMAN, MILTON and ANDERSON, T. W. (1960). See Anderson, T. W. and Friedman, Milton, (1960).
- FRISCH, RAGNAR. (1925). Recurrence formulae for the moments of the point binomial. Biometrika 17, 165-171.
Users : Patil, G. P. (1959)
Class.: B:m:G 708
- FROGGATT, P. (1965). Accident proneness: The concept and its development. (Abstract). Biometrics 21, 776.
Class.: No classification 709
- FROGGATT, P. and CRESSWELL, W. L. (1963). See Cresswell, W. L. and Froggatt, P. (1963).

FUCHS, A. and ROBY, N. (1960). Sur le domaine d'attraction de la loi de Poisson. Publ. Inst. Statist. Univ. Paris 9, 391-394.
 Review: MR 24A(1962), 447
 Class.: 710

FUCHS, C. F. and DAVID, H. T. (1965a). Poisson limits of multivariate run distributions. Ann. Math. Statist. 36, 215-225.
 Class.: P-MP:a:G 711

FUCHS, C. F. and DAVID, H. T. (1965b). See David, H. T. and Fuchs, C. F. (1965).

FUCKS, W. (1956). Statistical distributions with bounded components. (German). Z. Physik. 45(4), 520-533.
 Review: SA 59A(1956), Ab.No. 6290
 Class.: 712

- G -

GALLIHER, H. P., MORSE, PHILIP M. and SIMOND, M. (1959). Dynamics of two classes of continuous-review inventory systems. Operations Res. 7, 362-384.
 Users: Jewell, W. S. (1960)
 Class.: 713

GAMKRELIDZE, N. G. (1964). On the local limit theorem for lattice distributions. (Russian. English summary). Teor. Veroyatnost. i Primenen 9, 733-736.
 Class.: 714

GANI, J. and PRABHU, N. U. (1959). The time-dependent solution for a storage model with Poisson input. J. Math. Mech. 8, 653-663.
 Users: Phatarfod, R. M. (1963)
 Class.: 715

GARDNER, R. S. and CROW, E. L. (1959). See Crow, E. L. and Gardner, R. S. (1959).

GART, J. J. (1959). An extension of the Cramer-Rao inequality. Ann. Math. Statist. 30, 367-380.
 Users: Mosimann, J. E. (1962)
 Class.: MI-B-P-NB:pe:G 716

GART, J. J. (1963a). Poisson regression: confidence limits and tests of the model. (Abstract). Ann. Math. Statist. 34, 1618.
 Class.: No classification 717

GART, J. J. (1963b). A median test with sequential application. Biometrika 50, 55-62.
 Class.: NH:ctp:G 718

- GART, J. J. (1964a). Approximate distribution theory for some common discrete distributions. (Abstract). Ann. Math. Statist. 35, 927.
Class.: No classification 719
- GART, J. J. (1964b). The analysis of Poisson regression with an application in virology. Biometrika 51, 517-521.
Class.: 720
- GARWOOD, F. (1936). Fiducial limits for the Poisson distribution. Biometrika 28, 437-442.
Users : Sandelius, M. (1951a), Cox, D. R. (1953), Birnbaum, A. (1954b), Crow, E. L. and Gardner, R. S. (1959), Blyth, C. R. and Hutchinson, D. W. (1961)
Class.: P:ie:G 721
- GARWOOD, F. (1940). The application of the theory of probability to the operation of vehicular controlled traffic signals. J. Roy. Statist. Soc. Suppl. 7, 65-77.
Users : Haight, F. (1959)
Class.: 722
- GARWOOD, F. (1947). The variance of the overlap of geometrical figures with reference to a bombing problem. Biometrika 34, 1-17.
Class.: B-P-N-MI:mi:O 723
- GARWOOD, F. and TANNER, J. C. (1956). Accident studies before and after road changes. Final Rep., Publ. Works Municip. Services Congr., pp. 329-354.
Users : Tanner, J. C. (1958)
Class.: 724
- GAUSE, G. F. (1930). Studies on the ecology of the Orthoptera. Ecology 11, 307-325.
Class.: B:gf:BM 725
- GEIRINGER, HILDA (1937). Sur les variables aléatoires arbitrairement liées (convergence vers la loi de Poisson). C. R. Acad. Sci. Paris 204, 1856-1857.
Users : Geiringer, H. (1938)
Class.: 726
- GEIRINGER, HILDA (1938). On the probability theory of arbitrarily linked events. Ann. Math. Statist. 9, 260-271.
Class.: MI:a:G 727
- GEIRINGER, HILDA (1959-60). On a limit theorem leading to a compound Poisson distribution. Math. Z. 72, 229-234.
Review: MR 22(1961), 1458
Class.: COP:a:G 728

- GEIS, A. D. (1955). Trap response of the cottontail rabbit and its effect on censusing. J. Wildlife Managem. 19, 466-472.
Class.: 729
- GEISLER, M. A., MIRKOVICH, A. R. and YOUNGS, J. W. T. (1954). See Youngs, J.W. T., Geisler, M. A. and Mirkovich, A. R. (1954).
- GENERAL ELECTRIC COMPANY (1962). Tables of the individual and cumulative terms of Poisson distribution. Defense Systems Dept., Princeton, N. J.
Class.: 730
- GENERELLI, J. A. (1947). A method of binomial analysis. (Abstract). Amer. Psychologist 2, 405.
Review: PA 22(1948), Ab.No. 936
Class.: No classification 731
- GENERELLI, J. A. (1948). A binomial method for analyzing psychological functions. Psychometrika 13, 69-77.
Class.: B:mi:BM 732
- GEOGHAGEN, R. R. M., WALSH, J. E. and EISENBERG, H. B. (1962). See Eisenberg, H. B., Geoghagen, R.R.M. and Walsh, J. E. (1962).
- GEOGHAGEN, R. R. M., WALSH, J. E. and EISENBERG, H. B. (1963). See Eisenberg, H. B., Geoghagen, R.R.M. and Walsh, J. E. (1963).
- GEORGESCU-ROEGEN, NICHOLAS (1959). On the extrema of some statistical coefficients. Metron 19(3-4), 38-45.
Review: MR 22(1961), 348
Class.: MI:osp:G 733
- GERLOUGH, D. L. and SCHUHL, A. (1955). Poisson and Traffic. I. The use of the Poisson distribution in highway traffic. D.L.G. II. The calculation of probabilities and the distribution of traffic on two lane roads. ENO Foundation for Highway Control, Saugatuck, Conn.
Class.:
Notes : Schuhl's paper is a revised translation from Travaux, 39, (1955) pp. 24. 734
- GERSTENKORN, TADEUSZ (1960). On the formula for the moments of the Poisson distribution. Bull. Soc. Sci. Lettres Lodz 11(10), 1-6.
Review: MR 25(1963), 1081
Class.: 735
- GHURYE, S. G. (1949). Transformations of a binomial variate for the analysis of variance. J. Indian Soc. Agri. Statist. 2, 94-109.
Review: MR 11(1950), 528; BA 25(1951), Ab.No. 22539
Class.: B:anovat:G

- GHENT, A. W., FRASER, D. A. and THOMAS, J. B. (1957). Studies of regeneration in forest stands devastated by the spruce budworm. I. Evidence of trends in forest succession during the first decade following budworm devastation. Forest Sci. 3, 184-208.
Class.: MI:mi:BM 736
- GILBERT, E. J., STECK, G. P., YOUNG, D. A. and OWEN, D. B. (1959). See Owen, D. B., Gilbert, E. J., Steck, G. P. and Young, D. A. (1959).
- GILBERT, E. N. and POLLAK, H. O. (1957). Coincidences in Poisson patterns. Bell System Tech. J. 36, 1005-1033.
Class.: 737
- GILBERT, N. E. G. (1956). Likelihood function for capture-recapture samples. Biometrika 43, 488-489.
Review: MR 18(1957), 426
Class.: H-B:pe:BM 738
- GILCHRIST, H., GREENBERG, B. G. and LARSH, J. E. (1952). See Greenberg, B. G., Larsh, J. E. and Gilchrist, H. (1952).
- GINI, CORRADO (1907). La legge dei piccoli numeri. Giorn. Economisti 35, 758-775.
Class.: 739
- GINI, CORRADO (1908). Su la legge dei piccoli numeri e la regolarita dei fenomeni rari. Giorn. Economisti 37, 649-692.
Class.: 740
- GIRSHICK, M. A. (1946a). Contributions to the theory of sequential analysis. Ann. Math. Statist. 17, 123-143.
Users: Birnbaum, A. (1954b), Bharucha-Reid, A. T. (1958), Cox, D. R. (1963)
Class.: B-P:tp:C 741
- GIRSHICK, M. A. (1946b). Contributions to the theory of sequential analysis, II, III. Ann. Math. Statist. 17, 282-298.
Users: Waler, A. M. (1950), Breakwell, J. V. (1954)
Class.: B:tp:G 742
- GIRSHICK, M. A., MOSTELLER, F. and SAVAGE, L. J. (1946). Unbiased estimates for certain binomial sampling problems with applications. Ann. Math. Statist. 17, 13-23.
Users: Girshick, M. A. (1946b), Wolfowitz, J. (1946), McCarthy, P. J. (1947), Wolfowitz, J. (1947), Plackett, R. L. (1948), Craig, C. C. (1953c), Sirazhdinov, S. H. (1956), Bennett, B. M. (1957a), Armitage, P. (1958), Guttman, I. (1958), deGroot, M. H. (1959), Patil, G.P. (1959), Edwards, A.W.F. (1960a), Nadler, J. (1960), Nelson, A.C. Jr., Williams, J. S. and Fletcher, N. T. (1963), Patil, G. P. (1963a), Wasan, M. T. (1964), Knight, W. (1965), Tweedie, M.C.K. (1965), Wasan, M. T. (1965)
Class.: B:pe:G-E 743

- GIRSHICK, M. A., RUBIN, H. and SITGREAVES, R. (1955). Estimates of bounded relative error in particle counting. Ann. Math. Statist. 26, 276-285.
Class.: P:ie-se:G-P 744
- GITTELSOHN, A. M. (1960). A model for the analysis of the distribution of qualitative characters in sibships. Biometrics 16, 534-546.
Class.: B-NB-P:mb-pe:BM 745
- GIVEEN, SAMUEL M. (1963). A taxicab problem with time-dependent arrival rates. SIAM Review 5, 119-127.
Class.: 746
- GLADKOV, B. V., SHCHEGLOVA, M. V. and BOL'SHEV, L. N. (1961), See Bol'shev, L. N., Gladkov, B. V. and Shcheglova, M. V. (1961).
- GLASGOW, J. P. (1953). The estimation of animal populations by artificial predation and the estimation of populations. J. Animal Ecol. 22, 32-46.
Class.: G:gf:BM 747
- GLASGOW, M. O. and GREENWOOD, R. E. (1950). See Greenwood, R. E. and Glasgow, M. O. (1950).
- GLASSER, GERALD J. (1961). An unbiased estimator for powers of the arithmetic mean. J. Roy. Statist. Soc. Ser. B 23, 154-159.
Class.: B:pe:G 748
- GLASSER, GERALD J. (1962a). On estimators for variances and covariances. Biometrika 49, 259-262.
Class.: 749
- GLASSER, GERALD J. (1962b). Minimum variance unbiased estimators for Poisson probabilities. Technometrics 4, 409-418.
Review: MR 26(1963), 1078
Class.: P:pe:G 750
- GLAVEN, FREDERIK (1961). Pointsgivning i spil med Poissonfordeling. Nordisk Math. Tidsskr. 9, 167-168.
Class.: 751
- GNEDENKO, B. (1939). To the theory of the domains of attraction of stable laws. (Russian). Uchenye Zapiski Moskovskii Gosudarstvennyi Univ. Math. 30, 61-81.
Class.: 752
- GNEDENKO, B. V. (1941). On the theory of Geiger-Muller counters. Akad. Nauk. SSR. Zhurnal Eksper. Teoret. Fiz. 11, 101-106.
Review: MR 7(1946), 18
Users: Malmquist, S. (1947), Neyman, J. (1949)
Class.: 753

- GNEDENKO, B. V. (1959). On a generalization of Erlang's formulas. Dopovidi Akad. Nauk Ukrain, RSR, 347-350.
Class.:
Notes : English translations in Selected translations in Math. Statist. and Prob. 3, 337-340 (1962). 754
- GODFREY, G. K. (1954). Tracing field voles (*Microtus agrestis*) with a Geiger-Muller counter. Ecology 25, 5-10.
Class.: B:gf:BM 755
- GOEN, R. L. and TATE, R. F. (1958). See Tate, R. F. and Goen, R. L. (1958).
- GOLD, B., TRITTER, A. L. and FREIMER, M. (1959). See Freimer, M., Gold, B. and Titter, A. L. (1959).
- GOLD, L. (1957). Generalized Poisson distributions. Ann. Inst. Statist. Math. Tokyo 9, 43-47.
Users : Khatri, C. G. (1960)
Class.: 756
- GOLD, R. Z. (1962). On comparing multinomial probabilities. SA. Rep. 62-81, U. S. A. F. pp. 13.
Review: PA 37(1963), Ab.No. 5926
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: 757
- GOLDBERG, S. (1954). Probability models in biology and engineering. J. Soc. Indust. Appl. Math. 2, 10-19.
Class.: MI:mb:BM-E-A 758
- GOLDMAN, A. J. (1957). The probability of a saddlepoint. Amer. Math. Monthly 64, 729-730.
Class.: B:mi:G 759
- GOLDSMITH, D., NEYMAN, J., PURI, P. S., BUHLER, W. and FEIN, H. (1965). See Buhler, W., Fein, H., Goldsmith, D., Neyman, J. and Puri, P. S. (1965).
- GONIN, H. T. (1944). Curve fitting by means of the orthogonal polynomials in binomial statistical distributions. Trans. Roy. Soc. South Africa 30, 207-215.
Review: MR 6(1945), 234
Class.: B:mi:G 760
- GONIN, H. T. (1961). The use of orthogonal polynomials of the positive and negative binomial frequency functions in curve fitting by Aitken's method. Biometrika 48, 115-123.
Class.: B-NB:mi:G 761

- GOOD, I. J. (1949). The number of individuals in a cascade process. Proc. Cambridge Philos. Soc. 45, 360-363.
 Users : Good, I. J. (1951), Good, I. J. (1955a), Good, I. J. (1960)
 Class.: MI:pc:G 762
- GOOD, I. J. (1951). Random motion on a finite Abelian group. Proc. Cambridge Philos. Soc. 47, 756-762.
 Class.: 763
- GOOD, I. J. (1953a). The population frequencies of species and the estimation of populations parameters. Biometrika 40, 237-264.
 Users : Simon, H. A. (1955), Good, I. J. (1956), Good, I. J. and Toulmin, G. (1956), Good, I. J. (1957a), Good, I. J. (1957b), Herdan, G. (1957), Simon, H. (1960), Williamson, E. and Bretherton, M. (1964)
 Class.: MI:pe:G 764
- GOOD, I. J. (1953). The serial test and other tests for randomness. Proc. Cambridge Philos. Soc. 49, 276-284.
 Users : Good, I. J. (1955)
 Class.: 765
- GOOD, I. J. (1955). The likelihood ratio test for Markoff chains. Biometrika 42, 531-533.
 Users : Good, I. J. (1963)
 Class.: MI:pc:G
 Notes : Correction; Biometrika 44, 301. 766
- GOOD, I. J. (1955a). The joint distribution for the sizes of the generations in a cascade process. Proc. Cambridge Philos. Soc. 51, 240-242.
 Users : Good, I. J. (1960), Good, I. J. (1965)
 Class.: 767
- GOOD, I. J. (1955b). Conjectures concerning the Mersenne numbers. MTAC 9, 120-121.
 Class.: 768
- GOOD, I. J. (1956). On the estimation of small frequencies in contingency tables. J. Roy. Statist. Soc. Ser. B 18, 113-124.
 Class.: MI:pe:G 769
- GOOD, I. J. (1957a). Saddle-point methods for the multinomial distribution. Ann. Math. Statist. 28, 861-881.
 Review: MR 20(1959), 65
 Users : Good, I. J. (1961a), Good, I. J. (1961b), Good, I. J. (1961c), Williams, E. J. (1961b), Kullback, S., Kapperman, M. and Ku, H. H. (1962), Good, I. J. (1963), Good, I. J. (1965)
 Class.: M-OMR:c-a:G 770

- GOOD, I. J. (1957b). Distribution of word frequencies. Nature 179, 595.
Users : Herdan, G. (1958), Rider, P. R. (1965)
Class.: MI:mb:L 771
- GOOD, I. J. (1957c). On the serial test for random sequences. Ann. Math. Statist. 28, 262-264.
Class.: MI:mi:G 772
- GOOD, I. J. (1958). Legendre polynomials and trinomial random walks. Proc. Cambridge Philos. Soc. 54, 39-42.
Users : Good, I. J. (1965)
Class.: 773
- GOOD, I. J. (1960). Generalizations to several variables of Lagrange's expansion, with applications to stochastic processes. Proc. Cambridge Philos. Soc. 56, 367-380.
Users : Good, I. J. (1961a), Good, I. J. (1965)
Class.: 774
- GOOD, I. J. (1961a). The frequency count of a Markov chain and the transition to continuous time. Ann. Math. Statist. 32, 41-48.
Users : Iyer, P.V.K. (1963)
Class.: MI:pc-m:G 775
- GOOD, I. J. (1961b). The multivariate saddlepoint method and chi-squared for the multinomial distribution. Ann. Math. Statist. 32, 535-548.
Review: MR 25(1963), 143
Users : Good, I. J. (1963), Good, I. J. (1965)
Class.: MI-M:c-a:G 776
- GOOD, I. J. (1961c). An asymptotic formula for the differences of the powers at zero. Ann. Math. Statist. 32, 249-256.
Class.: MI:pc-m:G 777
- GOOD, I. J. (1962). Proofs of some 'binomial' identities by means of MacMahon's 'master theorem'. Proc. Cambridge Philos. Soc. 58, 161-162.
Class.: 778
- GOOD, I. J. (1963). Maximum entropy for hypothesis formulation, especially for multinomial contingency tables. Ann. Math. Statist. 34, 911-934.
Class.: MI-P-B:mi-ctp:G 779
- GOOD, I. J. (1965). The generalization of Lagrange's expansion, and the enumeration of trees. Proc. Cambridge Philos. Soc. 61, 499-517.
Class.: 780
- GOOD, I. J. and TOULMIN, G. H. (1956). The number of new species, and the increase in population coverage, when a sample is increased. Biometrika 43, 45-63.
Class.: MI:mi:G 781

- GOODALL, D. W. (1952). Quantitative aspects of plant distribution. Biol. Rev. 27, 194-245.
Users: MacFadyen, A. (1953), Clark, P. H. and Evans, F. C. (1954a), Pielou, E. C. (1957), Waters, W. E. and Hensen, W. R. (1959)
Class.: 782
- GOODALL, D. W. (1962). Bibliography of statistical plant sociology. Excerpta Bot. Sec. B. 4, 253-322.
Class.: 783
- GOODHARDT, G. J., CHATFIELD, C. and EHRENBURG, A. S. C. (1965). See Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1965).
- GOODHARDT, G. J., CHATFIELD, C. and EHRENBURG, A. S. C. (1966). See Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1966).
- GOODMAN, L. A. (1943). On the estimation of the number of classes in a population. Ann. Math. Statist. 20, 572-579.
Users: Good, I. J. (1953b), Goodman, L. A. (1953), Goodman, L. A. (1961)
Class.: MI:pe:G 784
- GOODMAN, L. A. (1952a). On the Poisson-Gamma distribution problem. Ann. Inst. Statist. Math. Tokyo 3, 123-125.
Review: MR 14(1953), 189
Users: Haight, F. (1959a), Haight, F. (1965b)
Class.: 785
- GOODMAN, L. A. (1952b). Serial number analysis. J. Amer. Statist. Assoc. 47, 622-634.
Review: MR 14(1953), 777
Users: Goodman, L. A. (1954), Goodman, L. A. (1961)
Class.: MI:tp-ie:S-E 786
- GOODMAN, L. A. (1953). Sequential sampling tagging for population size problems. Ann. Math. Statist. 24, 56-69.
Review: MR 14(1953), 776
Users: Chapman, D. G. (1954)
Class.: MI:pe-ie:G 787
- GOODMAN, L. A. (1954). Some practical techniques in serial number analysis. J. Amer. Statist. Assoc. 49, 97-112.
Class.: MI:mi:G 788
- GOODMAN, L. A. (1961). Snowball sampling. Ann. Math. Statist. 32, 148-170.
Review: MR 23A(1962), 259
Class.: MI:mb-pe:G 789

- GOODMAN, L. A. (1964). Simultaneous confidence intervals for contrasts among multinomial populations. Ann. Math. Statist. 35, 716-725.
Review: MR 28(1964), 1066
Users : Goodman, L. A. (1965)
Class.: M:ie-pc:G 790
- GOODMAN, L. A. (1965). On simultaneous confidence intervals for multinomial proportions. Technometrics 7, 247-254.
Class.: 791
- GORDON, R. D. (1939). Estimating bacterial populations by the dilution method. Biometrika 31, 167-180.
Class.: 792
- GOULD, H. W. (1963). Note on two binomial coefficient sums found by Riordan. Ann. Math. Statist. 34, 333-335.
Review: MR 26(1963), 10
Users : Govindarajulu, Z. and Suzuki, Y. (1963)
Class.: B:mi:G 793
- GOVINDARAJULU, Z. (1962a). Inverse moments. (Abstract). Ann. Math. Statist. 33, 1208.
Class.: No classification 794
- GOVINDARAJULU, Z. (1962b). Approximations to the first two inverse moments of the decapitated negative binomial variable. Statist. Lab. Rep. 1058, Case Inst. Tech., pp. 7.
Class.: TCNB:m-a:G 795
- GOVINDARAJULU, Z. (1962c). First two moments of the reciprocal of a positive hypergeometric variable. Statist. Lab. Rep. 1061, Case. Inst. Tech., pp. 44.
Class.: H:m:G 796
- GOVINDARAJULU, Z. (1962d). Recurrence relations for the first two inverse moments of the positive binomial variable. Statist. Lab. Rep. 1063, Case Inst. Tech. pp. 6.
Class.: TCB:m:G 797
- GOVINDARAJULU, Z. (1962e). The reciprocal of the decapitated negative binomial variable. J. Amer. Statist. Assoc. 57, 906-913.
Class.: TCNB:m-a:G
Notes : Corrigenda; J. Amer. Statist. Assoc. 58, 1162. 798
- GOVINDARAJULU, Z. (1963). Recurrence relations for the inverse moments of the positive binomial variable. J. Amer. Statist. Assoc. 58, 468-473.
Class.: TCB:m:G 799
- GOVINDARAJULU, Z. (1965). Normal approximations to the classical discrete distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press,

- pp. 79-108.
Class.: B-P-NB-H-GBDP-GNB-PS:a:G 800
- GOVINDARAJULU, Z. and SUZUKI, YUKIO (1963). A note on an identity involving binomial coefficients. Ann. Inst. Statist. Math. Tokyo 15, 83-85.
Class.: B:mi:G 801
- GOWER, J. C. (1961). A note on some asymptotic properties of the logarithmic series distribution. Biometrika 48, 212-215.
Users : Neison, W. C. and David, H. A. (1964), Bliss, C. I. (1965)
Class.: LS:c:G 802
- GOWER, J. C. and LESLIE, P. H. (1958). See Leslie, P. H. and Gower, J. C. (1958).
- GRAB, E. L. and SAVAGE, I. R. (1954). Tables of the expected value of $1/x$ for positive Bernoulli and Poisson variables. J. Amer. Statist. Assoc. 49, 169-177.
Review: MR 15(1954), 636
Users : David, F. N. and Johnson, N. L. (1956), Patil, G. P. (1959), Mendenhall, W. and Lehman, E. H. (1960), Patil, G. P. (1961b), Govindarajulu, Z. (1962c), Govindarajulu, Z. (1962d), Rider, P. R. (1962b), Govindarajulu, Z. (1963), Shanfield, F. (1964)
Class.: TCB-TCP:tc:G 803
Notes : Addenda; J. Amer. Statist. Assoc. 49, 906.
- GRACA, J. G. and WHITE, R. F. (1958). See White R. F. and Graca, J. G. (1958).
- GRAHAM, A. J., BITTER, B. A., HOPKINS, D. E., NEW, W. D., DUDLEY, F. H., BUSHLAND, R. C. and BAUMHOVER, A. H. (1955). See Baumhover, A. H., Graham, A. J., Bitter, B. A., Hopkins, D. E., New, W. D., Dudley, F. H. and Bushland, R. C. (1955).
- GRAINGER, R. M. and REID, D. B. W. (1954). Distribution of dental caries in children. J. Dental Res. 33, 613-623.
Users : Katti, S. K. (1960c), Katti, S. K. (1960d)
Class.: B-COB-P-NB:gf:BM 804
- GREEN, C. V. (1933). Differential growth in the crania of mature mice. J. Mammalogy 14, 122-131.
Class.: 805
- GREENBERG, B. G., LARSH, J. E. and GILCHRIST, H. (1952). A study of the distribution and longevity of adult *T. Spiralis* in immunized and non-immunized mice. J. Elisha Mitchell Sci. Soc. 68, 1-11.
Class.: MI:mi:BM 806
- GREENWOOD, J. A. (1962). Guide to tables in mathematical statistics. Princeton Univ. Press.
Review: MR 27(1964), 827
Class.: No classification 807

- GREENWOOD, M. (1931). On the statistical measure of infectiousness. J. Hyg. Camb. 31, 336-351.
Users : Bailey, N.T.J. (1953), Bailey, N.T.J. (1954), Irwin, J. O. (1954), Bailey, N.T.J. (1956c), Taylor, W. F. (1956)
Class.: 808
- GREENWOOD, M. (1946). The statistical study of infectious diseases. J. Roy. Statist. Soc. Ser. A 109, 85-110.
Class.: 809
- GREENWOOD, M. (1950). Accident proneness. Biometrika 37, 24-29.
Users : Adelstein, A. M. (1952)
Class.: NB:mb:A 810
- GREENWOOD, J. A. and GREVILLE, T. N. E. (1939). On the probability of attaining a given standard deviation ratio in an infinite series of trials. Ann. Math. Statist. 10, 297-298.
Class.: E:a:G 811
- GREENWOOD, M. and YULE, G. U. (1920). An inquiry into the nature of frequency distributions representative of multiple happenings. J. Roy. Statist. Soc. Ser. A 83, 255-279.
Users : Muench, H. (1936), Haldane, J.B.S. (1941), Kitagawa, T., Huruya, S. and Yazima, T. (1942), Feller, W. (1943), Cernuschi, F. and Castagnetto, (1946), Cole, L. C. (1946a), Kendall, D. G. (1948), Skellam, J. G. (1948), Skellam, J.G. (1949), Anscombe, F. J. (1950a), Greenwood, M. (1950), Arbous, A. and Kerrich, J. (1951), Blum, M. L. and Mintz, A. (1951), Johnson, N. L. (1951), Sichel, H. S. (1951), Skellam, J. G. (1952), Bliss, C. I. and Fisher, R. A. (1953), Good, I. J. (1953b), Irwin, J. O. (1953), Arbous, A. G. and Sichel, H. S. (1954b), Goldberg, S. (1954), Grainger, R. M. and Reid, D. B. (1954), Rutherford, R.S.G. (1954), Bates, G. E. (1955), Dandekar, V. M. (1955), Duker, S. (1955), Sampford, M. R. (1955), Taylor, W. (1956), Gurland, J. (1957), Johnson, N. L. (1957a), Fitzpatrick, R. (1958), Cohen, A. C. (1959d), Gurland, J. (1959), Patil, G. P. (1959), Edwards, C. B. and Gurland, J. (1960), Katti, S. K. (1960d), Patil, G. P. (1960c), Pielou, E. C. (1960), Bartko, J. J. (1961b), Edwards, C. B. and Gurland, J. (1961), Martin, L. (1961), Martin, D. C. and Katti, S. K. (1962a), Yassky, D. (1962), Subrahmaniam, K. (1964), Williamson, E. and Bretherton, M. (1964), Blischke, W. R. (1965), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1965), Mellinger, G., Sylwester, D., Gaffey, W. and Manheimer, D. (1965), Neyman, J. (1965), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1966), Patil, G.P. and Bildikar, S. (1966a)
Class.: 812
- GREENWOOD, M. and WOODS, H. M. (1919). The incidence of industrial accidents upon individuals with special reference to multiple accidents. Rep. 4, Indust. Fatigue Res. Board, London: H.M. Stationery Office.
Users : Arbous, A. and Kerrich, J. (1951), Fitzpatrick, R. (1958), Edwards, C. B. and Gurland, J. (1960), Edwards, C. B. and Gurland, J. (1961), Haight, F. (1965a), Haight, F. (1965b)
Class.: 813

- GREENWOOD, R. E. and GLASGOW, M. O. (1950). Distribution of maximum and minimum frequencies in a sample drawn from a multinomial distribution. Ann. Math. Statist. 21, 416-424.
Review: MR 12(1951), 428
Users : Sandelius, M. (1952a), Kozelka, R. M. (1956), Good, I. J. (1957a), Patil, G. P. and Bildikar, S. (1966a)
Class.: B-M:mi:G 814
- GREGORY, G. and BENSON, F. (1961). See Benson, F. and Gregory, G. (1961).
- GRENANDER, U. (1957). On heterogeneity in non-life insurance. Part I. Skand. Aktuarietidskr. 40, 71-84.
Class.: 815
- GRENANDER, U. (1957). On heterogeneity in non-life insurance. Part II. Skand. Aktuarietidskr. 40, 153-179.
Class.: 816
- GREVILLE, T. N. E. and GREENWOOD, J. A. (1939). See Greenwood, J. A. and Greville, T.N.E. (1939).
- GREVILLE, T. N. E. and WHITE, R. P. (1959). See White, R. P. and Greville, T.N.E. (1959).
- GREY, PETER (1941). A simplified method for computing the theoretical class frequencies of a binomial expansion. Growth 5, 267-271.
Review: BA 17(1943), Ab.No. 375
Class.: 817
- GRIEG-SMITH, P. (1952a). The use of random and contiguous quadrats in the study of the structure of plant communities. Ann. Bot Lond., N. S. 16, 293-316.
Users : Grieg-Smith, P. (1952b), Pielou, E. C. (1957), Thompson, H. R. (1958), Grieg-Smith, P. (1961)
Class.: 818
- GRIEG SMITH, P. (1952b). Ecological observations on degraded and secondary forest in Trinidad, British West Indies. J. Ecol. 40, 316-330.
Users : Grieg-Smith, P. (1961)
Class.: P:h:BM 819
- GRIEG-SMITH, P. (1961a). Data on pattern within plant communities. I. The analysis of pattern. J. Ecol. 49, 695-702.
Class.: 820
- GRIEG-SMITH, P. (1961b). Data on pattern within plant communities. II. Amnophila arenaria (L.) Link. J. Ecol. 49, 703-708.
Class.: 821

- GRIEG-SMITH, P. (1964). Quantitative plant ecology. Butterworths, London
2nd edition.
Class.: No classification 822
-), GRIFFITHS, JOHN C. (1960). Frequency distributions in accessory mineral
analysis. J. Geology 68, 353-365.
Class.: 823
- d. GRIFFITHS, JOHN C. (1962). Frequency distributions in some natural resource
materials. Circular 63, Mineral Indust. Expt. Station, College Mineral
Indust., Pennsylvania State Univ.
Class.: 824
- GRIGELIONIS, B. (1962a). On the asymptotic expansion of the remainder term in
the case of convergence to the Poisson law. (Russian. Lithuanian and
English summaries). Litovsk. Mat. Sb. 2(1), 35-48.
Review: MR 27(1964), 168
Class.: 825
- GRIGELIONIS, B. (1962b). Sharpening of a higher-dimensional limit theorem on
convergence to the Poisson law. (Russian. Lithuanian and English summaries).
Litovsk. Mat. Sb. 2(2), 127-133.
Review: MR 2(1964), 332
Class.: 826
- GRIGELIONIS, B. (1962). On the degree of approximation of the composition
of renewal processes by a Poisson process. Litovsk. Mat. Sb. 2(2), 135-143.
Class.: 827
- udy GRIGELIONIS, B. (1963). On the convergence of sums of random step processes
to a Poisson process. Theor. Probability Appl. 8, 177-182.
Class.: 828
- GRIMM, H. and MALI V. (1961). Application of the sequential analysis to the
negative binomial distribution. Bull. Inst. Internat. Statist. 39, 1-11.
Class.: 829
- GRIZZLE, JAMES E. (1961). A new method of testing hypotheses and estimating
parameters for the logistic model. Biometrics 17, 372-385.
Review: BA 37(1962), Ab.No. 257
Class.: 830
- G.-RODEYA F. E. (1961). On a relation between the binomial coefficients.
(Spanish). Gac. Mat., (Madrid) 13, 3-5.
Review: MR 24A(1962), 576
Class.: 831

- GROSHEV, A. (1941). Sur le domaine d'attraction de la loi de Poisson.
Izv. Akad. Nauk SSSR Ser. Mat. 5, 165-172.
 Review: MR 3(1942), 2
 Class.: 832
- GRUBBS, FRANK E. (1949). On designing single sampling inspection plans. Ann. Math. Statist. 10, 242-256.
 Users: Clark, R. E. (1953), Tippett, L.H.C. (1958), Hald, A. (1960), Pachares, J. (1960), Hald, A. (1964), Hald, A. (1965)
 Class.: B-P:sgc-tc:E 833
- GRUNBERG, H. (1955). Genetical studies on the skeleton of the mouse. XV. The interaction between major and minor variants. J. Genetics 53, 515-535.
 Class.:
 Notes: Appendix by C. A. B. Smith 834
- GRUNDY, P. M. (1951). The expected frequencies in a sample of an animal population in which the abundances of species are lognormally distributed Part I. Biometrika 38, 427-434.
 Users: Williams, C. B. (1953), Cassie, R. M. (1962), Nelson, W. C. and David, H. A. (1964), Pliss, C. I. (1965)
 Class.: 835
- GUIASU, SILVIU (1964). Sur la répartition asymptotique pour les suites aleatoires de variables aleatoires. C. R. Acad. Sci. Paris 259, 973-976.
 Class.: MI:a:G 836
- GULDBERG, ALF (1931a). On Poisson's frequency function. Skand. Aktuarietidskr. 14, 43-48.
 Class.: 837
- GULDBERG, ALF (1931b). On discontinuous frequency functions and statistical series. Skand. Aktuarietidskr. 14, 167-187.
 Users: Katz, L. (1945)
 Class.: 838
- GULDBERG, ALF (1934). On discontinuous frequency functions of two variables. Skand. Aktuarietidskr. 17, 89-117.
 Users: Tsao, C. M. (1962)
 Class.: 839
- GULDBERG, S. (1935). Sui momenti della legge di distribuzione del Pólya. Inst. Italiano degli Attuari Giornale 6, 394-398.
 Users: Bosch, A. J. (1963)
 Class.: 840
- GULDBERG, S. (1936). A remark on Pólya's law. Aktuar. Vedy 5, 182-184.
 Class.: 841

- GUMBEL, E. J. (1939). La dissection d'une répartition. Ann. Univ. Lyon Sect. A. 11(3), 39-51.
Review: MR 1(1940), 247
Users : Blischke, W. R. (1965)
Class.: 842
- GUMBEL, E. J. (1963). Deux lois limites pour la distribution des dépassements. Bull. Assoc. Actuaire Diplomes Inst. Sci. Financ. Assuar. Mars 1963, 1-10.
Class.: 843
- GUMBEL, E. J. and VON SCHELLING, H. (1950). The distribution of the number of exceedances. Ann. Math. Statist. 21, 247-262.
Review: MR 11(1950), 732
Users : Sarkadi, K. (1957), Sarkadi, K. (1957a), Sarkadi, K. (1960), Sarndal, C. E. (1964), Govindarajulu, Z. (1965)
Class.: MI:mb-a-m-osp:G 844
- GUPTA, S. S. (19). Order statistics from the binomial distribution. (Tabulation). Tech. Rep., Bell Telephone Lab., Allentown, Penna., pp. 124.
Class.: 845
- GUPTA, S. S. (1965). Selection and ranking procedures and order statistics for the binomial distribution. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 219-230.
Class.: B:srp-os:G 846
- GUPTA, S. S. and SOBEL, M. (1958). On selecting a subset which contains all populations better than a standard. Ann. Math. Statist. 29, 235-244.
Users : Mosteller, F. and Yountz, C. (1961), Gupta, S. S. (1965)
Class.: B:srp:G 847
- GUPTA, S. S. and SOBEL, M. (1960). Selecting a subset containing the best of several binomial populations. Contributions to Probability and Statistics, Ed. Olkin, Stanford Univ. Press, Stanford, Calif. pp. 224-248.
Review: MR 22(1961), 1964
Class.: 848
- GUPTA, S. S., HUYETT, J. and SOBEL, M. (1957). Selection and ranking problems with binomial populations. Nat. Conv. Trans. Amer. Soc. Qual. Contr., 635-643.
Class.: B:srp:G 849
- GURIAN, JOAN M., CORNFIELD, JEROME and MOSIMANN, JAMES E. (1964). Comparisons of power for some exact multinomial significance tests. Psychometrika 29, 409-419.
Class.: 850

GURLAND, J. (1955). Extension of certain classes of contagious distributions. (Abstract). Ann. Math. Statist. 26, 152.

Class.: No classification

851

GURLAND, J. (1957). Some interrelations among compound and generalized distributions. Biometrika 44, 265-268.

Users : Gurland, J. (1958), Gurland, J. (1959), Shumway, R. and Gurland, J. (1960b), Shumway, R. and Gurland, J. (1960c), Katti, S. K. and Gurland, J. (1961), Khatri, C. G. and Patel, I. R. (1961), Martin, D. C. and Katti, S. K. (1962a), Martin, D. C. and Katti, S. K. (1962b), Subrahmaniam, K. (1964), Blischke, W. R. (1965), Douglas, J. B. (1965), Gurland, J. (1965), Katti, S. K. and Sly, L. E. (1965), Kemp, C. D. and Kemp, A. W. (1965), Martin, D. C. and Katti, S. K. (1965)

Class.: COP-GP-MI:osp:G

852

GURLAND, J. (1958). A generalized class of contagious distributions. Biometrics 14, 229-249.

Review: PA 33(1959), Ab.No. 7278

Users : Cohen, A. C. (1959c), Gurland, J. (1959), Cohen, A. C. (1960c), Katti, S. K. (1960d), Shumway, R. and Gurland, J. (1960c), Bardwell, G. E. (1961), Khatri, C. G. and Patel, I. R. (1961), Martin, D. C. and Katti, S. K. (1962b), Pielou, E. C. (1962), Yassky, D. (1962), Subrahmaniam, K. (1964), Blischke, W. R. (1965), Katti, S. K. and Sly, L. E. (1965), Kemp, C. D. and Kemp, A. W. (1965), Martin, D. C. and Katti, S. K. (1965) Sprott, D. A. (1965b)

Class.: GP-COB:mb-gf-a:G-BM

853

GURLAND, J. (1959). Some applications of the negative binomial and other contagious distributions. Amer. J. Publ. Health 49, 1388-1399.

Review: BA 35(1960), Ab.No. 12200

Users : Shumway, R. and Gurland, J. (1960c), Bartko, J. J. (1962), Gurland, J. (1965), Shenton, I. R. and Myers, R. (1965)

Class.:

854

GURLAND, J. (1965). A method of estimation for some generalized Poisson distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press. pp. 141-158.

Class.: NB-N-CP:pe:G

855

GURLAND, J. and EDWARDS, C. B. (1960). See Edwards, C. B. and Gurland, J. (1960).

GURLAND, J. and EDWARDS, C. B. (1961). See Edwards, C. B. and Gurland, J. (1961).

GURLAND, J. and KATTI, S. K. (1958). See Katti, S. K. and Gurland, J. (1958).

GURLAND, J. and KATTI, S. K. (1960). See Katti, S. K. and Gurland, J. (1960).

GURLAND, J. and KATTI, S. K. (1961). See Katti, S. K. and Gurland, J. (1961).

- GURLAND, J. and KATTI, S. K. (1962a). See Katti, S. K. and Gurland, J. (1962b).
- GURLAND, J. and KATTI, S. K. (1962b). See Katti, S. K. and Gurland, J. (1962b).
- GURLAND, J. and SHUMWAY, R. (1960a). See Shumway, R. and Gurland, J. (1960a).
- GURLAND, J. and SHUMWAY, R. (1960b). See Shumway, R. and Gurland, J. (1960b).
- GURLAND, J. and SHUMWAY, R. (1960c). See Shumway, R. and Gurland, J. (1960c).
- GUSAK, D. V. and KOROLJUK, V. S. (1962). See Koroljuk, V. S. and Gusak, D. V. (1962).
- GUTHRIE, D. and BIRNBAUM, A. (1956). See Birnbaum, A. and Guthrie, D. (1956).
- GUTTMAN, I. (1958). A note on a series solution of a problem in estimation.
Biometrika 45, 565-567.
 Users : Edwards, A.W.F. (1960a), Narayana, T. V. and Sathe, Y. S. (1961),
 Patil, G. P. (1962a), Patil, G. P. (1963a), Crow, E. L. and Bardwell, G. E.
 (1965), Tweedie, M.C.K. (1965)
 Class.: NB-P:pe:G 856
- GUTTMAN, I. and FRASER, D. A. S. (1952). See Fraser, D.A.S. and Guttman, I. (1952).
- GUTZMAN, WAYNE and BENSON, ROBERT (1961). See Benson, Robert and Gutzman, Wayne (1961).
- GYRISCO, GEORGE C. and FORSYTHE, H. Y. JR. (1961). See Forsythe, H. Y. Jr. and Gyrisco, George C. (1961).

- H -

- HABERMAN, SOL (1964). Procedures for generating means and variances of statistics which measure "variation" in data expressed in the form of outcomes of Bernoulli trials. Unclassified Memo. TG-563, PAM-75, Appl. Physics Lab., Planning Analysis, John Hopkins Univ., pp. 72.
 Class.: B:mi:G 857
- HADDEN, F. A. (1955). Machine testing for deviation of data from a Poisson distribution. Trans. Amer. Inst. Elec. Engrs. I 74, 155-157.
 Review: SA 58A(1955), Ab.No. 7620
 Class.: 858
- HADLEY, G. and WHITIN, T. M. (1961). Useful properties of the Poisson distribution. Operations Res. 9, 408-410.
 Users : Benson, F. and Gregory, G. (1961)
 Class.: P:m-osp:G 859

- HADWIGER, H. (1945). "Über Verteilungsgesetze vom Poissonschen Typus. Mitt. Verein. Schweiz. Verisch.-Math. 45, 257-277.
Review: MR 7(1946), 310
Class.: 860
- HAGSTROEM, K. G. (1956). Variables fondamentales du hasard. Giorn. Ist. Ital. Attuari. 19, 84-91.
Review: MR 19(1958), 466
Class.: 861
- HAIGHT, FRANK A. (1959a). The generalized Poisson distribution. Ann. Inst. Statist. Math. Tokyo 11, 101-105.
Review: MR 22(1961), 47
Users: Oliver, R. M. (1961), Haight, F. (1965b)
Class.: OPR:m-gf:G 862
- HAIGHT, FRANK A. (1959b). Overflow at a traffic light. Biometrika 46, 420-424.
Class.: MI:pc:E 863
- HAIGHT, FRANK A. (1960). Queueing with balking II. Biometrika 47, 285-296.
Class.: MI:pc:G 864
- HAIGHT, FRANK A. (1961a). A distribution analogous to the Borel-Tanner. Biometrika 48, 167-173.
Class.: MI:pc-tc:G 865
- HAIGHT, FRANK A. (1961b). Index to the distributions of mathematical statistics. J. Res. Nat. Bur. Standards Sect. B. 65, 23-60.
Users: Patil, G. P. (1965)
Class.: 866
- HAIGHT, FRANK A. (1964a). Accident proneness - the history of an idea. Automobilismo 12, 534-546.
Class.: 867
- HAIGHT, FRANK A. (1964). Special discrete distributions. Internat. Encyclopedia of the Social Sci.
Class.: 868
- HAIGHT, FRANK A. (1964). Annotated bibliography of scientific research in road traffic and safety. Operations Res. 12, 976-1039.
Class.: 869
- HAIGHT, FRANK A. (1965a). On the effect of removing persons with N or more accidents from an accident prone population. Biometrika 52, 298-300.
Class.: MI:mb:G-A 870

- HAIGHT, FRANK A. (1963b). Counting distributions for renewal processes. Biometrika 52, 395-403.
Class.: COP-MI:pc:G 871
- HAIGHT, FRANK A. and BREUER, M. (1960). The Borel-Tanner distribution. Biometrika 47, 143-150.
Class.: BT:m-tc:G 872
- HAIGHT, FRANK A. and JACOBSON, ALLAN S. (1962). Some mathematical aspects of the parking problem. Highway Res. Board Proceedings 41, 363-374.
Class.: 873
- HAIGHT, FRANK A. and REICHENBACK, HANS (1965). Fisher's distribution, with tables for fitting it to discrete data by three different methods. Res. Rep. 38, Inst. Transportation and Traffic Eng., Univ. California (Los Angeles, Calif.), pp. 24.
Users : Patil, G. P. and Bilalakar, S. (1966a)
Class.: LS:pe-tr:G 874
- HAIGHT, FRANK A. and WHITTLESEY, J. R. B. (1961-2). See Whittlesey, J.R.B. and Haight, Frank A. (1961-2).
- HAIGHT, FRANK A., WHISLER, BERTRAM F. and MOSHER, WALTER W. JR. (1961). New statistical method for describing highway distribution of cars. Highway Res. Board Proceedings 40, 557-564.
Class.: 875
- HAIRSTON, N. G. (1959). Species abundance and community organization. Ecology 40, 404-416.
Users : Clark, P. J., Eckstrom, P. T. and Linden, L. C. (1964)
Class.: LS:mb:BM 876
- HAIRSTON, N. G. and BYERS, G. W. (1954). The soil arthropods of a field in southern Michigan. A study in community ecology. Contr. Lab. Vert. Biol. Univ. Mich. 64, 1-37.
Users : Clark, P. J., Eckstrom, P. T. and Linden, L. C. (1964)
Class.: 877
- HAJEK, J. (1958). Some contributions to the theory of probability sampling. Bull. Inst. Internat. Statist. 36(3), 127-134.
Review: MR 22(1961), 2182
Class.: 78
- HALD, A. (1960). The compound hypergeometric distribution and a system of single sampling inspection plans based on prior distributions and costs. Technometrics 2, 275-340.
Review: MR 22(1961), 1031
Users : vanderWaerden, B. L. (1960), Samuel, E. (1963), Hald, A. (1964), Blischke, W. R. (1965), Hald, A. (1965), Lindley, D. V. and Barnett, B. (1965)
Class.: 879

- HALD, A. (1962). Some limit theorems for the Dodge-Romig LTPD single sampling inspection plans. Technometrics 4, 7-513.
Users : Hald, A. and Kousgaard, E. (1965) Hald, A. (1964), Hald, A. (1965)
Class.: B-P:sqc:E 880
- HALD, A. (1964). Single sampling inspection plans with specified acceptance probability and minimum average costs. Inst. Math. Statist., Univ. Copenhagen pp. 38.
Class.: B:sqc-tc:E 881
- HALD, A. (1964). Bayesian single sampling attribute plans for discrete prior distributions. Tech. Rep., Univ. Copenhagen, pp. 88.
Class.: 882
- HALD, A. (1965a). Bayesian single sampling attribute plans for discrete prior distributions. Mat.-Fys. Skr. Danske Vid. Selsk. 3(2), pp. 88.
Class.: 883
- HALD, A. (1965b). Single sampling inspection plans with specified acceptance probability and minimum costs. Skand. Aktuarietidskr. 48,
Class.: B:sqc-tc:E 884
- HALD, A. (1965c). On the theory of single sampling inspection by attributes based on two quality levels. Tech. Rep., Univ. Copenhagen, pp. 36.
Class.: B:a-sqc:b 885
- HALD, A. and KOUSGAARD, E. (1963). Some limit theorems for the Dodge-Romig AOQL single sampling inspection plans. Sankhyā 25A, 255-268.
Users : Hald, A. (1964), Hald, A. (1965)
Class.: B:sqc:E 886
- HALDANE, J. B. S. (1939). The cumulants and moments of the binomial distribution, and the cumulants of χ^2 for a $(n \times 2)$ -fold table. Biometrika 31, 392-396.
Users : Curtiss, J. H. (1941), Patil, G. P. (1959), Patil, G. P. (1960c), Wise, M. E. (1963)
Class.: B:m:G 887
- HALDANE, J. B. S. (1941). The fitting of binomial distributions. Ann. Eugenics 11, 179-181.
Review: MR 4(1943), 26
Users : Fisher, R. A. (1941a), Wise, M. E. (1946), Anscombe, F. J. (1950a), Shenton, L. R. (1950), Sichel, H. S. (1951), Bliss, C. I. and Fisher, R. A. (1952), Hunter, G. C. and Quenouille, M. H. (1952), Binet, F. E. (1953), David, F. N. (1955a), Sampford, M. R. (1955), Roy, J. and Mitra, S. Y. (1957), Shenton, L. R. (1958), Cohen, A. C. (1959d), Patil, G. P. (1959), Edwards, A.W.F. (1960), Bartko, J. J. (1961b), Gonin, H. T. (1961), Patil, G. P. (1961b), Martin, D. C. and Katti, S. K. (1962b), Martin, D. C. and Katti, S. K. (1962c), Patil, G. P. (1962c), Patil, G. P. (1962d), Patil, G. P. (1962e), Katti, S. K. and Sly, L. E. (1965), Martin, D. and Katti, S. (1965)

- Class.: B-NB:pe-c:G 888
- HALDANE, J. B. S. (1945a). On a method of estimating frequencies. Biometrika 33, 222-225.
 Review: BA 20(1946), Ab.No. 14726
 Users: McCarthy, P. H. (1947), Plackett, R. L. (1948), Finney, D. J. (1949), Anscombe, J.B.S. (1950a), Sandelius, M. (1950), Bailey N.T. (1951), Sandelius, M. (1951a), Sandelius, M. (1951b), Sandelius, M. (1951c), Cox, D. R. (1952), Craig, C. C. (1953c), Goodman, L. A. (1953), Bennett, B. M. (1957a), Lindley, D. V. (1957), Armitage, P. (1958), Guttman, I. (1958), deGroot, M. H. (1959), Patil, G. P. (1959), Edwards, A.W.F. (1960a), Nadler, J. (1960), Bartko, J. J. (1961b), Patil, G. P. (1961b), Patil, G. P. (1962d), Patil, G. P. (1962c), Nelson, A. C. Jr., Williams, J. S. and Fletcher, N. T. (1963), Patil, G. P. (1963a), Pathak, P. K. (1964), Knight, W. (1965), Tweedie, M.C.K. (1965)
 Class.: NB-NM:pe:G 889
- HALDANE, J. B. S. (1945b). A labour-saving method of sampling. Nature 155, 49.
 Users: Tweedie, M.C.K. (1945), Barnard, G. A. (1946), Tweedie, M.C.K. (1947), Tiago de Oliveira, J. (1952b), Craig, C. C. (1953c), deGroot, M. H. (1959)
 Class.: NB:pe:G 890
- HALDANE, J. B. S. (1947-49). A test for homogeneity of records of familial abnormalities. Ann. Eugenics 14, 339-341.
 Class.: TCB:h:BM 891
- HALDANE, J. B. S. (1955a). The calculation of mortality rates from ringing data. Acta XI Congr. Int. Orn. 1954, 454-458.
 Class.: 892
- HALDANE, J. B. S. (1955-6a). The estimation and significance of the logarithm of a ratio of frequencies. Ann. Human Genetics 20, 309-311.
 Users: Haldane, J.B.S. (1956b)
 Class.: 893
- HALDANE, J. B. S. (1956b). Almost unbiased estimates of functions of frequencies. Sankhya 17, 201-208.
 Users: Tweedie, M.C.K. (1965)
 Class.: B:pe:G 894
- HALE, B. W., COTTAM, G. and CURTIS, J. T. (1953). See Cottam, G., Curtis, J. T. and Hale, B. W. (1953).
- HALL, W. J. (1956). Some hypergeometric series distributions occurring in birth-and-death processes of equilibrium. (Abstract). Ann. Math. Statist. 27, 221.
 Users: Bardwell, G. E. and Crow, E. L. (1964)
 Class.: No classification 895

- HALL, W. J. (1962). On median unbiased estimation from discrete data. (Abstract). Ann. Math. Statist. 33, 1491.
Class.: No classification 896
- HALPERIN, M. and BURROWS, G. L. (1960). The effect of sequential batching for acceptance-rejection sampling upon sample assurance of total product quality. Biometrics 2, 19-26.
Review: MR 22(1961), 187
Class.: 897
- HALPERIN, M. and BURROWS, G. L. (1961). An asymptotic distribution for an occupancy problem with statistical applications. Technometrics 3, 79-89.
Class.: MHR:a-sqc:G-E 898
- HAM, W. I. JR. and TURNER, M. E. (1960). See Turner, M. E. and Ham, W. R. Jr. (1960).
- HAMAKER, H. C. (1953). "Average confidence" limits for binomial probabilities. Rev. Inst. Internat. Statist. 21, 17-27.
Review: MR 15(1954), 331
Class.: B:ie:G 899
- HAMAKER, H. C. (1958). On hemacytometer counts. Biometrics 14, 558-559.
Review: BA 33(1959), Ab.No. 24384
Class.: H-B-P:cm:BM 900
- HAMBURG, MORRIS (1962). Bayesian decision theory and statistical quality control. Industrial Quality Control 19(6), 10-14.
Class.: 901
- HAMMERSLEY, J. M. (1951). The sums of products of the natural numbers. Proc. London Math. Soc. 1, 435-452.
Class.: 902
- HANCOCK, J. L., ROTHSCHILD, LORD and CAMPBELL, R. C. (1953). See Campbell, R. C. Hancock, J. L. and Rothschild, Lord (1953).
- HANNAN, J. (1960). Consistency of maximum likelihood estimation of discrete distributions. Contributions to Probability and Statistics, Ed. Olkin, Stanford Univ. Press, Stanford, Calif., pp. 249-257.
Review: MR 22(1961), 1958
Class.: 903
- HANNAN, J. and HARKNESS, W. (1960). Normal approximation to the distribution of two independent binomials, condition on fixed sum. (Abstract). Ann. Math. Statist. 31, 525.
Class.: No classification 904

- HANNAN, J. and HARKNESS, W. (1963). Normal approximation to the distribution of two independent binomials, conditional on fixed sum. Ann. Math. Statist. 34, 1593-1595.
Review: MR 28(1964), 683
Users: Govindarajulu, Z. (1965), Harkness, W. L. (1965)
Class.: B:a:G 905
- HANS, O. (1957). A note on negative binomial distribution. (Czech. Russian and English summaries). Apl. Mat. 2, 222-226.
Review: MR 19(1958), 586
Class.: 906
- HANSON, W. R. (1957). Density of wood rat houses in Arizona chaparral. Ecology 38, 650.
Class.: P:gf:BM 907
- HARCOURT, D. G. (1960). Distribution of the mature stages of the diamondback moth. (*Plutella maculipennis*) (Curt.) (Lepidoptera: Plutellidae). on cabbage. Canad. Ent. 92, 517-521.
Class.: 908
- HARCOURT, D. G. (1963). Population dynamics of *Leptinotarsa decemlineata* (Say) in eastern Ontario. I. Spatial pattern and transformation of field counts. Canad. Ent. 95, 813-820.
Class.: 909
- HARDING, J. P. (1949). The use of probability paper for the graphical analysis of poly-modal frequency distributions. J. Marine Biol. Assoc. 28, 141-153.
Class.: 910
- HARKNESS, W. L. (1965). Properties of the extended hypergeometric distribution. Ann. Math. Statist. 36, 938-945.
Class.: OHR:m-a-pe-ie:G 911
- HARKNESS, W. L. and BOLGER, E. M. (1965). See Bolger, E. M. and Harkness, W. L. (1965).
- HARKNESS, W. and HANNAN, J. (1960). See Hannan, J. and Harkness, W. (1960).
- HARKNESS, W. and HANNAN, J. (1963). See Hannan, J. and Harkness, W. (1963).
- HARPER, J. L. (1957). *Ranunculus*. J. Ecol. 45, 289-342.
Class.: 912
- HARRIS, B. (1956). Confidence intervals for the number of cells in a multi-normal population with equal cell probabilities. (abstract). Ann. Math. Statist. 27, 867.
Class.: No classification 913

- HARRIS, B. (1963). Some results on estimating the number of classes in a discrete uniform population. (Abstract). Ann. Math. Statist. 34, 1620.
Class.: No classification 914
- HARRIS, EUGENE K. (1958). On the probability of survival of bacteria in sea water. Biometrics 14, 195-206.
Class.: COB:pe-gf:BM 915
- HARRIS, T. E. (1948). Some further results on the Bernoulli process. (Abstract) Ann. Math. Statist. 19, 116.
Class.: No classification 916
- HARRISON, J. L. (1945). Stored products and the insects infesting them as examples of logarithmic series. Ann. Eugenics 12, 280-282.
Review: BA 20(1946), Ab.No. 10
Users: Williams, C. B. (1947b), Patil, G. P. (1959), Patil, G. P. (1962b), Nelson, W. C. and David, H. A. (1964)
Class.: 917
- HART, HORNELL (1926). The reliability of a percentage. J. Amer. Statist. Assoc. 21, 40-46.
Class.: B:ie:G 918
- HART, J. L. (1943). Tagging experiments on British Columbia pilchards. J. Fisheries Res. Board Canada 6, 164-182.
Class.: 919
- HARTLEY, H. O. (1958). Maximum likelihood estimation from incomplete data. Biometrics 14, 174-194.
Users: Cohen, A. C. (1959d), Cohen, A. C. (1959e), Irwin, J. O. (1959), Cohen, A. C. (1960b), Cohen, A. C. (1961c), Wilkinson, G. N. (1961), Hughes, E. J. (1962), Doss, S.A.D.C. (1963),
Class.: MI-TCP-TCNB:pe-gf:G-BM 920
- HARTLEY, H. O. and FITCH, E. R. (1951). A chart for the incomplete beta-function and the cumulative binomial distribution. Biometrika 38, 423-426.
Review: MR 14(1953), 63
Class.: B:tc:G 921
- HARTLEY, H. O. and PEARSON, E. S. (1950). Tables of the χ^2 integral and of the cumulative Poisson distribution. Biometrika 37, 313-325.
Review: MR 12(1951), 344
Users: Tiku, M. (1964)
Class.: P:tc:G 922
- HASOFER, A. M. (1965). Some perturbation results for the single-server queue with Poisson input. J. Appl. Prob. 2, 462-466.
Class.: 923
- HAYAKAWA, R. and ISHII, G. (1960). See Ishii, G. and Hayakawa, R. (1960).

- KAYAKAWA, R. and ISHII, G. (1960). See Ishii, G. and Kayakawa, R. (1960).
- HAYMAN, B. I. and LOWE, A. D. (1961). The transformation of counts of the cabbage aphid, (*Brevicoryne Brassicae*(L.)). New Zealand J. Sci. 4, 271-278.
Class.: MI-NB:t:BM 924
- HAYMAN, G. E., CHU, J. T., TOPP, C. W. and LEONE, F. C. (1960). See Leone, F. C., Hayman, G. E., Chu, J. T. and Topp, C. W. (1960).
- HAYNE, D. W. (1949). Calculation of size of home range. J. Mammalogy, 30, 1-18.
Users : Godfrey, G. K. (1954)
Class.: 925
- HAZEN, S. W. JR. and BECKER, R. M. (1961). See Becker, R. M. and Hazen, S. W. Jr. (1961).
- HEALY, M. J. R. (1964). A property of the multinomial distribution and the determination of appropriate scores. Biometrika 51, 265-266.
Class.: 926
- HEALY, W. C. JR. and BIRNBAUM, A. (1960). See Birnbaum, A. and Healy, W. C. Jr. (1960).
- HENDRICKS, W. A. (1964). Estimation of the probability that an observation will fall into a specified class. J. Amer. Statist. Assoc. 59, 225-232.
Review: MR 28(1964), 684
Class.: M:pe:G 927
- HENDRICKSON, G. O., KOZICKY, E. L. and JESSEN, R. J. (1956). See Kozicky, E. L., Jessen, R. J. and Hendrickson, G. O. (1956).
- HENSEN, W. R. (1954). A sampling system for poplar insects. Canad. J. Zool. 32, 421-433
Users : Waters, W. E. and Hensen, W. R. (1959)
Class.: 928
- HENSEN, W. R. and WATERS, WILLIAM E. (1959). See Waters, William E. and Hensen, W. R. (1959).
- HEPPES, A. (1956). On the determination of probability distributions of more dimensions by their projections. (Russian summary). Acta. Math. Acad. Sci. Hungar. 7, 403-410.
Review: MR 19(1958), 70
Class.: MI:mi:G 929
- HERBACH, LEON H. (1948). Bounds for some functions used in sequentially testing the mean of a Poisson distribution. Ann. Math. Statist. 19, 400-405.
Review: MR 10(1949), 201
Users : Chapman, D. G. (1952b)
Class.: P:tp:G 930

- HERDAN, G. (1957). The mathematical relation between the number of diseases and the number of patients in a community. J. Roy. Statist. Soc. Ser. A 120, 320-330.
Class.: LS:mi:BM 931
- HERDAN, G. (1958). The relation between the dictionary distribution and the occurrence distribution of word length and its importance for the study of quantitative linguistics. Biometrika 45, 222-228.
Users: Rider, P. R. (1965)
Class.: ml:mi:L 932
- HERDAN, G. (1960). Type-token mathematics. Mouton and Co.
Class.: No classification 933
- HERDAN, G. (1961). A critical examination of Simon's model of certain distribution functions in linguistics. Appl. Statist. 10, 65-76.
Review: MR 10(1964), 201
Class.: MI-COP:mb:L 934
- HERDAN, G. (1962). The calculus of linguistic observations. Mouton and Co.
Class.: No classification 935
- HERDAN, G. (1964). Quantitative linguistics. Butterworths.
Class.: No classification 936
- HERRERA, L., SUTCLIFFE, M. I. and MAINLAND, D. (1956). See Mainland, D., Herrera, L. and Sutcliffe, M. I. (1956).
- HERRMANN, HORST (1965). Variationsabstand zwischen der Verteilung einer Summe unabhängiger nichtnegativer ganzzahliger Zufallsgrößen und Poissonschen Verteilungen. Math. Nachr. 29, 265-289.
Class.: 937
- HEUER, GERALD A. (1959). Estimation in a certain probability problem. Amer. Math. Monthly 66, 704-706.
Review: MR 21(1960), 1405
Class.: MI:pe:G 938
- HIDA, TAKEYUKI (1953). On some asymptotic properties of Poisson process. Nagoya Math. J. 6, 29-36.
Class.: 939
- HIGGINS, GEORGE M., BERKSON, JOSEPH and DEWS, PETER B. (1954). See Dews, Peter, B., Higgins, George M. and Berkson, Joseph (1954).
- HIRATA, S. (1933). The movement of people at the ticket office of Shinjuku station. Kagaku (Science) 3, 274-275.
Class.: 940

- HOBBY, CHARLES and PYKE, RONALD (1963). A combinatorial theorem related to comparisons of empirical distribution functions. Wahrscheinlichkeitstheorie and Verw 2, 85-89.
Review: MR 23(1964), 331
Class.: 941
- HODGES, J. L. JR. (1955). A bivariate sign test. Ann. Math. Statist. 26, 523-527.
Class.: MI:ctp:G 942
- HODGES, J. L. JR. and BLACKWELL, DAVID (1959). See Blackwell, David, and Hodges, J. L. Jr. (1959).
- HODGES, J. L. JR. and LEHMANN, E. L. (1950). Some problems in minimax point estimation. Ann. Math. Statist. 21, 182-197.
Users : Basu, D. (1952), Hodges, J. L. and Lehmann, E. (1952), Trybula, S. (1958a), Goodman, L. A. (1961), Trybula, S. (1962), Wasan, M. T. (1964), Wasan, M. T. (1965)
Class.: B-H:pe-ctp-p:G 943
- HODGES, J. L. JR. and LEHMANN, E. L. (1952). The use of previous experience in reaching statistical decisions. Ann. Math. Statist. 23, 396-407.
Class.: MI-B:tp:G 944
- HODGES, J. L. JR. and LECAM, L. (1960). The Poisson approximation to the Poisson binomial distribution. Ann. Math. Statist. 31, 737-740.
Review: MR 22(1961), 1464
Users : Makabe, H. (1962), Ellner, H. (1963), Govindarajulu, Z. (1965)
Class.: GBDP-P:a:G 945
- HOEFFDING, W. (1955). On the distribution of the number of successes in independent trials. (Abstract). Ann. Math. Statist. 26, 538.
Class.: No classification 946
- HOEFFDING, W. (1956). On the distribution of the number of successes in independent trials. Ann. Math. Statist. 27, 713-721.
Review: MR 18(1957), 240
Users : Cohen, A. C. (1959b), David, H. A. (1960), Darroch, J. N. (1964), Samuels, S. M. (1964), Samuels, S. (1965)
Class.: GBDP:osp:G 947
- HOEFFDING, W. (1963). Large deviations in multinomial distributions. (Abstract). Ann. Math. Statist. 34, 1620.
Class.: No classification 948
- HOEFFDING, W. (1964). Asymptotically optimal tests for multinomial distributions. Inst. Statist. Mimeograph Ser. 396, Dept. Statist., Univ. North Carolina.
Class.: M:tp:G 949

- HOEL, PAUL G. (1945). On indices of dispersion. Ann. Math. Statist. 14, 155-162.
 Users : Bateman, G. I. (1950), Thomas, M. (1951), Kathirgamatamby, N. (1953), Okamoto, M. (1955), Bennett, B. M. (1956), Bennett, B. M. (1959), Bennett, B. M. and Hsu, P. (1961), Bennett, B. M. (1962a)
 Class.: 950
- HOEL, PAUL G. (1945). Testing the homogeneity of Poisson frequencies. Ann. Math. Statist. 16, 362-368.
 Review: MR 7(1946), 464
 Users : Hoel, P. G. (1947)
 Class.: P:ctp:G 951
- HOEL, PAUL G. (1947). Discriminating between binomial distributions. Ann. Math. Statist. 18, 556-564.
 Review: MR 9(1948), 295
 Users : Binet, F. E. (1953)
 Class.: B-P:tp:G 952
- HOETZL, GOERGE (1963). Properties of the extended hypergeometric distribution. Master's Thesis, Pennsylvania State Univ.
 Class.: No classification 953
- HOFFLANDER, A. E., DICKERSON, O. D. and KATTI, S. K. (1961). See Dickerson, O. D., Katti, S. K. and Hofflander, A. E. (1961).
- HOFMANN, M. (1955). Über zusammengesetzte Poisson-Prozesse und ihre Anwendungen in der Unfallversicherung. Mitt. Verein. Schweiz. Versich.-Math. 55, 499-575.
 Review: MR 17(1956), 638
 Class.: 954
- HOGBEN, L. and CROSS, K. W. (1952). Sampling from a discrete universe. Acta Genet. Statist. Med. 3, 305-342.
 Class.: 955
- HOLGATE, P. (1964). Estimation for the bivariate Poisson distribution. Biometrika 51, 241-245.
 Review: MR 30(1965), 501
 Class.: 956
- HOLLA, M. S. and BHATTACHARYA, S. K. (1965). See Bhattacharya, S. K. and Holla, M. S. (1965).
- HOLME, N. A. (1950). Population-dispersion in *Tellina tenuis* Da Costa. J. Marine Biol. Assoc. 29, 267-280.
 Class.: 957

- HOLME, N. A. (1953). The biomass of the bottom fauna in the English Channel off Plymouth. J. Marine Biol. Assoc. 32, 1-49.
Class.: 958
- HOLMES, R. W. and WIDRIG, T. M. (1956). The enumeration and collection of marine phytoplankton. J. Conseil 22(1), 21-32.
Users : Kutkuhn, J. H. (1958)
Class.: 959
- HOLT, S. B. (1958). Genetics of dermal ridges: the relation between total ridge-count and the variability of counts from finger to finger. Ann. Human Genetics 22, 323-339.
Class.: 960
- HOLT, S. J. (1955). On the foraging activity of the wood ant. J. Animal Ecol. 24, 1-34.
Class.: P:gf:BM 961
- HOLTE, F. C. (1954). Noen egenskaper ved binomiale forfelingsfunksjon. (Some properties of the binomial distribution function.) (Norwegian. English summary). Nordisk. Mat. Tidsskr. 2, 113-115.
Review: MR 16(1955), 376
Class.: 962
- HOPKINS, B. (1955). The species-area relations of plant communities. J. Ecol. 43, 490-508.
Class.: 963
- HOPKINS, C. E. and COCHRAN, W. G. (1960). See Cochran, W. G. and Hopkins, C. E. (1960).
- HOPKINS, D. E., NEW, W. D., DUDLEY, F. H., BUSHLAND, R. C., BAUMHOVER, A. H., GRAHAM, A. J. and BITTER, B. A. (1955). See Baumhover, A. H., Graham, A. J., Bitter, B. A., Hopkins, D. E., New, W. D., Dudley, F. H. and Bushland, R. C. (1955).
- HOPKINS, J. W. (1955). An instance of negative hypergeometric in practice. Bull. Inst. Internat. Statist. 34(4), 298-306.
Users : Sarkadi, K. (1957a)
Class.: 964
- HSU, P. and BENNETT, B. M. (1960). See Bennett, B. M. and Hsu, P. (1960).
- HSU, P. and BENNETT, B. M. (1961). See Bennett, B. M. and Hsu, P. (1961).
- HSU, P. and BENNETT, B. M. (1962). See Bennett, B. M. and Hsu, P. (1962).
- HUGHES, EDWIN JOSEPH (1962). Maximum likelihood estimation of distribution parameters from incomplete data. Ph. D. Thesis, Iowa State Univ., pp. 87.
Class.: No classification 965

- HUGHES, R. D. (1955). The influence of the prevailing weather on the numbers of *Meromyza variegata* Meigen (Diptera, Chloropidae) caught with a sweepnet. J. Animal Ecol. 24, 324-335.
Class.: B:gf:BM 966
- HUGHES, R. D. (1956). British Ecological Society autumn meeting at London 19-20 September 1955. J. Animal Ecol. 25, 461-467.
Class.: B:mi:BM 967
- HUNTER, C. C. and QUENOUILLE, M. H. (1952). A statistical examination of the worm egg count sampling technique for sheep. J. Helminthology 26, 157-170.
Class.: P-NB:gf-pe-rp-anovat:BM 968
- HURN, M., BERKSON, J. and MAGATH, T. B. (1935). See Berkson, J., Magath, T. B. and Hurn, M. (1935).
- HURON, R. (1955). Loi multinomiale et test du χ^2 . C. R. Acad. Sci. Paris 240, 2047-2048.
Review: MR 17(1956), 56
Users: Patil, G. P. and Bildikar, S. (1966a)
Class.: M:gf:G 969
- HURON, R. (1959). Étude de la corrélation entre certaines variables aléatoires liées à la loi multinomiale. C. R. Acad. Sci. Paris 249, 2268-2269.
Review: MR 22(1961), 182
Users: Patil, G. P. and Bildikar, S. (1966a)
Class.: OMR:osp:G 970
- HURON, R. and MERIC, J. (1954). Sur une application du schéma d'urnes de Poisson. Ann. Fac. Sci. Univ. Toulouse 17(4), 265-272.
Class.: 971
- HURST, D. C. and QUESENBERRY, C. P. (1964). See Quesenberry, C. P. and Hurst, D. C. (1964).
- HURUYA, S. and KITAGAWA, T. (1941). See Kitagawa, T. and Huruya, S. (1941).
- HURUYA, S., YAZIMA, T. and KITAGAWA, T. (1942). See Kitagawa, T., Huruya, S. and Yazima, T. (1942).
- HURWITZ, H. JR. and KAC, M. (1944). Statistical analysis of certain types of random functions. Ann. Math. Statist. 15, 173-181.
Class.: P:pc:G 972
- HUTCHINSON, D. W. and BLYTH, COLIN R. (1960). See Blyth, Colin R. and Hutchinson, D. W. (1960).
- HUTCHINSON, D. W. and BLYTH, COLIN R. (1961). See Blyth, Colin R. and Hutchinson, D. W. (1961).

- HUYETT, J., SOBEL, M. and GUPTA, S. S. (1957). See Gupta, S. S., Huyett, J. and Sobel, M. (1957).
- HUYETT, M. J. and SOBEL, (1957). See Sobel, M. and Huyett, M. J. (1957).
- HUZURBAZAR, V. S. (1950). Probability distributions and orthogonal parameters. Proc. Cambridge Philos. Soc. 46, 281-284.
Class.: NB-MI:pe:G 973
- HUZURBAZAR, V. S. (1965). Some invariants of some discrete distributions admitting sufficient statistics for parameters. Classical and Contagious Discrete Distributions, Ed. G. P. Paril, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 231-240.
Class.: B-P-M:osp:G 974
- 1 -
- IJIRI, Y. and SIMON, H. A. (1964). Business firm growth and size. Amer. Econ. Rev. 54, 77-89.
Class.: MI:mb:G 975
- IRWIN, J. O. (1937). The frequency distribution of the difference between two independent variates following the same Poisson distribution. J. Roy. Statist. Soc. Ser. A 100, 415-416.
Users : Skellam, J. G. (1946), Skellam, J. G. (1952), Johnson, N. L. (1959), Ramasubban, T. A. (1960), Bennett, B. M. (1962a), Irwin, J. O. (1963), Shanfield, F. (1964), Kamat, A. R. (1965)
Class.: P:a-m:G 976
- IRWIN, J. O. (1941). Comments on the paper "Chambers, E. C. and Yule, G. U. Theory and Observation in the Investigation of Accident Causation." J. Roy. Statist. Soc. Supple. 7, 89-109.
Users : Haight, F. (1965a), Haight, F. (1965b), Mellinger, G., Sylwester, D., Gaffey, W. and Manheimer, D. (1965)
Class.: 977
- IRWIN, J. O. (1943). A table of the variance of $\sqrt{x}$ when x has a Poisson distribution. J. Roy. Statist. Soc. Ser. A 106, 143-144.
Review: MR 5(1944), 209
Class.: P:anovat-tc:G 978
- IRWIN, J. O. (1953). On "transition probabilities" corresponding to any accident distribution. J. Roy. Statist. Soc. Ser. B 15, 87-89.
Class.: MI:mi:G 979
- IRWIN, J. O. (1954). A distribution arising in the study of infectious diseases. Biometrika 41, 266-268.
Users : Sarkadi, K. (1957), Kemp, C. S. and Kemp, A. W. (1956b)
Class.: NH:mb:BM 980

- IRWIN, J. O. (1955). A unified derivation of some well-known frequency distributions of interest in biometry and statistics. J. Roy. Statist. Soc. Ser. A 118, 389-404.
 Review: MR 17(1956), 380
 Users : Barton, D. and David, F. (1956), Barton, D. E. (1958)
 Class.: MI:mb:G 981
- IRWIN, J. O. (1959). On the estimation of the mean of a Poisson distribution from a sample with the zero class missing. Biometrics 15, 324-326.
 Review: BA 34(1959), Ab.No. 243; PA 34(1960), Ab.No. 5009
 Users : Cohen, A. C. (1959e), Irwin, J. O. (1963)
 Class.: TCP:pe:G 982
- IRWIN, J. O. (1963). The place of mathematics in medical and biological statistics. J. Roy. Statist. Soc. Ser. A 126, 1-44.
 Users : Kemp, C. D. and Kemp, A. W. (1965)
 Class.: MI:mi:EM 983
- IRWIN, J. O. (1965). Inverse factorial series as frequency-distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 159-174.
 Class.: IFS:m-gf:G-EM 984
- ISABEL, M. M. and CAMARGO, M. C. (1956). See Camargo, M. C. and Isabel, M. M. (1956).
- ISHII, GORO and HAYAKAWA, REIKO (1960). On the compound binomial distribution. Ann. Inst. Statist. Math. Tokyo 12, 69-80.
 Review: MR 23A(1962), 565
 Users : Bhattacharya, S. and Holla, M. (1965)
 Class.: 985
- ISHII, GORO and YAMASAKI, MITSURU (1960-61). A note on the testing of homogeneity of k binomial experiments based on the range. Ann. Inst. Statist. Math. Tokyo 12, 273-276.
 Review: MR 25(1963), 1088
 Class.: 986
- ISHII, K. (1957). Some investigations of the relation between distribution functions and their moments. Ann. Inst. Statist. Math. Tokyo 9, 1-12.
 Class.: 987
- ISHII, K. (1958). Note on a characterization of unimodal distributions. Ann. Inst. Statist. Math. Tokyo 9, 173-184.
 Class.: 988
- ISHII, K. (1964). On a limit theorem for a stochastic process related to quantum biophysics of vision. Ann. Inst. Statist. Math. Tokyo 15, 167-175.
 Class.: 989

- ITO, Y., NAKAMURA, MASAKO, KONDO, MASAKI, MIYASHITA, KAZUYASHI and NAKAMURA, KAZUO (1962). Population dynamics of the chestnut gall-wasp *Dryocosmus kuriphilus* Yasumatsu. (Hymenoptera: Cynipidae) II. Distribution of individuals in bud of chestnut tree. Res. Pop. Ecol. 4, 35-46.
Class.: 990
- IVES, W.G.H. (1955). Estimation of egg populations of the larch sawfly *Pristiphora erichsonii* (Htg). Canad. J. Zool. 33, 370-388.
Users : Waters, W. E. and Hensen, W. R. (1959)
Class.: 991
- IWASZKIEWICZ, K. and NEYMAN, J. (1931). Counting virulent bacteria and particles of virus. Acta Biologica Experimentalis 6, 101-142.
Class.: 992
- IYER, P. V. K. (1950a). The theory of probability distributions of points on a lattice. Ann. Math. Statist. 21, 198-217.
Class.: MI:mb-m:G 993
- IYER, P. V. K. (1950). Difference equations of moment-generating functions for some probability distributions. Nature 165, 370.
Class.: MI:m:G 994
- IYER, P. V. K. (1951). The use of difference equation in solving distribution problems. Bull. Inst. Internat. Statist. 33(2), 97-104.
Users : Iyer, P.V.K. (1955)
Class.: MI:mb:G 995
- IYER, P. V. K. (1954). Some distributions arising in matching problems. J. Indian Soc. Agric. Statist. 6, 5-29.
Users : Iyer, P.V.K. (1955), Barton, D. E. (1958)
Class.: MI:m-tc-ctp:G 996
- IYER, P. V. K. (1957). Some new methods for testing randomness of a binomial sequence and its applications in two sample problems. Defence Sci. J. 7, 9-26.
Users : Iyer, P.V.K. (1963)
Class.: 997
- IYER, P. V. K. (1958). A theorem on factorial moments and its applications. Ann. Math. Statist. 29, 254-261.
Review: MR 20(1959), 62
Users : Edwards, C. B. (1962), Iyer, P.V.K. (1963), Fuchs, C. E. and David, H. (1965a)
Class.: B-OBR:m:G 998
- IYER, P. V. K. (1963). Some methods of analysis of a sequence of observations and their applications. 50th Indian Sci. Congress, Delhi.
Class.: 999

IYER, P. V. K. and BHATTACHARYA, M. N. (1955). On some statistics comparing two binomial sequences. J. Indian Soc. Agric. Statist. 7, 187-217.

Review: MR 19(1958), 329

Class.: B:ctp-a-3G

1000

IYER, P. V. K. and RAO, A. S. P. (1953). Theory of the probability distribution of runs in a sequence of observations. J. Indian Soc. Agric. Statist. 5, 29-77.

Users: Iyer, P.V.K. (1963)

Class.:

1001

- J -

JACOBSON, ALLAN S. and HAIGHT, FRANK A. (1962). See Haight, Frank A. and Jacobson, Allan S. (1962).

JANOSSY, L. (1955). Statistical problems of an electron multiplier. (Russian). Z. Eksper. Teoret. Fiz. 28(6), 679-694.

Review: SA 59A(1956), Ab.No. 5601

Class.:

1002

Notes: English translation in Soviet Physics JETP (New York) 1(3), 520-531.

JANOSSY, L., RENYI, A. and ACZEL, J. (1950). On composed Poisson distributions. Acta Math. Acad. Sci. Hungar. 1, 209-224.

Review: MR 13(1952), 663

Users: Renyi, A. (1951a), Aczel, J. (1952), Prekopa, A. (1957a)

Class.:

1003

Notes: Hungarian version: Osszetett Poisson-eloszlasokrol. I. Magy. Tud. Akad. III Mat. Fiz. Oszt. Kozl. 1, 315-328.

JARRATT, P. and CHAMBERS, M. L. (1964). See Chambers, M. L. and Jarratt, P. (1964).

JAUCH, P. (1954). The number of artificial nuclear reactions as a random variable. Ann. Acad. Sci. Fenn. Ser. A I 165, pp. 12.

Class.:

1004

JEFFREYS, HAROLD (1936). Further significance tests. Proc. Cambridge Philos. Soc. 32, 416-445.

Class.: B-MI:tp:G

1005

JENKINS, R. M. (1955). The effect of gizzard shad on the fish population of a small Oklahoma lake. Trans. Amer. Fisheries Soc. 85, 58-74.

Class.:

1006

JENSEN, PAUL (1959). Fit of certain distribution functions to counts of two species of cryptozoa. Ecology 40, 447-453.

Class.: NB-N-MI:gf:BM

1007

- JESSEN, R. J., HENDRICKSON, G. O. and KOZICKI, E. L. (1956). See Kozicky, E. L., Jessen, R. J. and Hendrickson, G. O. (1956).
- JEWELL, W. S. (1960). The properties of recurrent-event processes. Operations Res. 8, 446-472.
 Users : Oliver, R. M. (1961), Haight F. (1965b)
 Class.: P-MI:pc:G 1008
- JOHNSON, N. L. (1951). Estimators of the probability of the zero class in Poisson and certain related populations. Ann. Math. Statist. 22, 94-101.
 Review: MR 12(1951), 622
 Class.: P-OPR:pe:G 1009
- JOHNSON, N. L. (1957a). Uniqueness of a result in the theory of accident proneness. Biometrika 44, 530-531.
 Class.: NB:rp:G-A 1010
- JOHNSON, N. L. (1957b). A note on the mean deviation of the binomial distribution. Biometrika 44, 532-533.
 Review: MR 19(1958), 1204
 Users : Crow, E. L. (1958b), Ramasubban I. A. (1958), Katti, S. K. (1960a), Kamat, A. R. (1965)
 Class.: B:m:G
 Notes : Correction, Biometrika 45, 587. 1011
- JOHNSON, N. L. (1959). On an extension of the connexion between Poisson and χ^2 distributions. Biometrika 46, 352-363.
 Class.: P-NB:osp:G 1012
- JOHNSON, N. L. (1960). An approximation to the multinomial distribution: some properties and applications. Biometrika 47, 93-102.
 Users : Johnson, N. L. and Young, D. H. (1960), Govindarajulu, Z. (1965)
 Class.: M:m-pe-tp-a:G 1013
- JOHNSON, N. L. (1965). Quota fulfilment in finite populations. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 419-426.
 Class.: H:mi:G 1014
- JOHNSON, N. L. and DAVID, F. N. (1950). See David, F. N. and Johnson, N. L. (1950).
- JOHNSON, N. L. and DAVID, F. N. (1952). See David, F. N. and Johnson, N. L. (1952).
- JOHNSON, N. L. and DAVID, F. N. (1953). See David, F. N. and Johnson, N. L. (1953).
- JOHNSON, N. L. and DAVID, F. N. (1956). See David, F. N. and Johnson, N. L. (1956).

- JOHNSON, A. L. S. and FOSTER, R. E. (1963). See Foster, R. E. and Johnson, A.L.S. (1963).
- JOHNSON, N. L. and YOUNG, D. H. (1960). Some application of two approximations to the multinomial distribution. Biometrika 47, 463-369.
Class.: M:a-tp:G 1015
- JOHNSTON, R. F. (1956a). Population structure in salt marsh song sparrows. Part I. Environment and annual cycle. Condor 58, 24-44.
Users : Johnston, R. F. (1956b)
Class.: P:gf:BM 1016
- JOHNSTON, R. F. (1956b). Population structure in salt marsh song sparrows. Part II. Density, age structure, and maintenance. Condor 58, 254-272.
Class.: P:gf:BM 1017
- JONES, EDWARD R. and WEBB, WILSE B. (1953). See Webb, Wilse B. and Jones, Edward R. (1953).
- JONES, E. W. (1937). Practical field methods of sampling soil for wireworms. J. Agri. Res. 54, 123-134.
Class.: 1018
- JONES, E. W. (1945). The regeneration of the douglas fir, *Pseudotsuga taxifolia* Britt., in the new forest. J. Ecol. 33, 44-56.
Class.: 1019
- JONES, E. W. (1955). Ecological studies on the rain forest of southern Nigeria. IV. The plateau forest of the Okumu Forest Reserve. J. Ecol. 43, 595-605.
Class.: 1020
- JONES, H. L. (1959). How many of a group of random numbers will be usable in selecting a particular sample? J. Amer. Statist. Assoc. 54, 102-122.
Class.: MI-B-P:mb-m-a:G 1021
- JONES, P. C. T., MOLLISON, J. E. and QUENOUILLE, M. H. (1948). A technique for the quantitative estimation of soil micro-organisms, and a statistical note. J. Gen. Microbiol. 2, 54-69.
Class.: LS-P-NB:gf-anovat:BM 1022
- JORDAN, CH. (1927). Sur un cas généralisé de la probabilité des épreuves répétées. Acta Sci. Math. (Szeged) 3, 193-210.
Users : Geiringer, H. (1938), Sarkadi, K. (1957)
Class.: 1023
- JORDAN, CH. (1927a). Sur un cas généralisé de la probabilité des épreuves répétées. C. R. Acad. Sci. Paris 184, 315-317.
Users : Sarkadi, K. (1957)
Class.: 1024

JORDAN, CH. (1939). Problèmes de la probabilité des épreuves répétées dans le cas général. Bull. Soc. Math. France 67, 223-242.

Review: MR 1(1940), 340

Class.:

1025

JORGENSEN, DALE W. (1961). Multiple regression analysis of a Poisson process. J. Amer. Statist. Assoc. 56, 235-245.

Class.:

1026

JOSEPHS, K. J. and DOUST, J. F. (1941). See Doust, J. F. and Josephs, K. J. (1941).

JOSEPHSON, N. S. and RUSSELL, A. M. (1965). See Russell, A. M. and Josephson, N. S. (1965).

JOYCE, T. and PARKER-RHODES, A. F. (1956). See Parker-Rhodes, A. F. and Joyce, T. (1956).

JUNG, JAN (1963). A theorem on compound Poisson processes with time-dependent change variables. Skand. Aktuarietidskr. 46, 95-98.

Class.:

1027

JUNGE, C. O. and CHAPMAN, D. G. (1956). See Chapman, D. G. and Junge, C. O. (1956).

- K -

KAARSEMAKER, L. and WIJNGAARDEN, A. (1952). Tables for use in rank correlation.

Rep. R73, Comput. Dept., Math. Centre. Amsterdam, pp. 17.

Review: AMR 5(1952), 1616

Class.:

1028

KAC, M. and HURWITZ, H. JR. (1944). See Hurwitz, H. Jr. and Kac, M. (1944).

KALABA, R. E. (1953). A simple derivation of the Poisson distribution.

Paper P-414, RAND Corp.

Class.:

1029

KAMAT, A. R. (1964). A generalization of a property of the mean deviation for a class of discrete distributions. (Abstract). Ann. Math. Statist. 35, 1406.

Class.: No classification

1030

KAMAT, A. R. (1965). Incomplete and absolute moments of some discrete distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 45-64.

Class.: PS-B-P-NB-LS-H-IH:m:G

1031

- KANELLOS, S. G. (1952). On a conditional distribution. Bull. Soc. Math. Grèce 26, 24-28.
Review: MR 14(1953), 566
Class.: MI:m-tp:G 1032
- KANO, SEIGO (1961). Random controlled stochastic processes generated by Poisson processes. Sci. Rep. Kagoshima Univ. 10, 1-9.
Class.: 1033
- KANO, SEIGO (1961a). Random prediction and random filtering based on a Poisson process. Sci. Rep. Kagoshima Univ. 10, 31-35.
Class.: 1034
- KAPLANSKY, IRVING (1945). The asymptotic distribution of runs of consecutive elements. Ann. Math. Statist. 16, 200-203.
Users: Katz, L. (1952), Mendelsohn, N. S. (1956)
Class.: MI-P:a:G 1035
- KARLIN, SAMUEL and MCGREGOR, JAMES (1965). Ehrenfest urn models. J. Appl. Prob. 2, 352-376.
Class.: 1036
- KARLIN, SAMUEL and PROSCHAN, FRANK (1960). Polya type distributions of convolutions. Ann. Math. Statist. 31, 721-736.
Class.: MI:mi:G 1037
- KASTENBAUM, M. A. (1958). Estimation of relative frequencies of four sperm types in *Drosophila Melanogaster*. Biometrics 14, 223-228.
Class.: 1038
- KATHIRGAMATAMBY, N. (1953). Note on the Poisson index of dispersion. Biometrika 40, 225-228.
Users: David, F. N. (1955a), Darwin, J. H. (1957)
Class.: P:id:G 1039
- KATTI, S. K. (1960a). Moments of the absolute difference and absolute deviation of discrete distributions. Ann. Math. Statist. 31, 78-84.
Review: MR 22(1961), 1954
Users: Kamat, A. R. (1965)
Class.: MI-B-NB-P-H:ctp-m:G 1040
- KATTI, S. K. (1960b). Approximations to Neyman type A and negative binomial distributions in practical problems. (Abstract). Ann. Math. Statist. 31, 817
Class.: No classification 1041
- KATTI, S. K. (1960c). Distribution of dental caries in children. J. Dental Res. 39, 501-505.
Class.: MI:mb-gf:BM 1042

- KATTI, S. K. (1960d). Some aspects of statistical inference for contagious distributions. Ph. D. Thesis, Iowa State Univ.
Class.: No classification 1043
- KATTI, S. K. (1962a). Approximation to hypergeometrics by the binomial and to the binomial by the Poisson. (Abstract). Ann. Math. Statist. 33, 819.
Class.: No classification 1044
- KATTI, S. K. (1962b). Some properties of $g_1\{g_2(z)\}$. Res. Rep., School of Aviation and Medicine, Texas, and Florida State Univ.
Class.: MI:m-osp-tc:G 1045
- KATTI, S. K. (1963). Use of behavioristic models in analysing special (pertaining to space) data - Part II. (Abstract). Ann. Math. Statist. 34, 1126.
Class.: No classification 1046
- KATTI, S. K. (1965). The log-O-Poisson distribution. (Abstract). Ann. Math. Statist. 36, 1601.
Class.: No classification 1047
- KATTI, S. K. (1965a). Infinite divisibility of discrete distributions. FSU Statist. Rep. M105, Dept. Statist., Florida State Univ., pp. 20.
Class.: LS-MI:mi:G 1048
- KATTI, S. K. (1965b). The log-O-Poisson distribution. Res. Rep., Florida State Univ.
Class.: 1049
- KATTI, S. K. and GURLAND, J. (1958). On the fitting of some contagious distributions. (Abstract). Ann. Math. Statist. 29, 616.
Class.: No classification 1050
- KATTI, S. K. and GURLAND, J. (1960a). Comparison of estimators for some generalized Poisson distributions. (Abstract). Ann. Math. Statist. 31, 526.
Class.: No classification 1051
- KATTI, S. K. and GURLAND, J. (1960b). Some methods of estimation for the Poisson binomial distribution. MRC Tech. Summary Rep. 212, Univ. Wisconsin, pp. 14.
Class.: GP-COB:pe-gf-tc:G 1052
- KATTI, S. K. and GURLAND, J. (1961). The Poisson Pascal distribution. Biometrics 17, 527-538.
Users : Katti, S. K. and Gurland, J. (1962a), Katti, S. K. and Gurland, J. (1962b), Blischke, W. R. (1965), Crow, E. L. and Bardwell, G. E. (1965), Govindarajulu, Z. (1965), Gurland, J. (1965), Katti, S. K. and Sly, L. E. (1965), Sprott, D. A. (1965b)
Class.: GP-CGNB-MI:a-pe-gf-m:G 1053

- KATTI, S. K. and GURLAND, J. (1962a). Some methods of estimation for the Poisson binomial distribution. Biometrics 18, 42-51.
 Review: MR 25(1963), 317
 Users : Blischke, W. R. (1965), Gurland, J. (1965) Kemp, C. D. and Kemp, A. W. (1965), Sprott, D. A. (1965b)
 Class.: GP-COB:pe-gf:G 1054
- KATTI, S. K. and GURLAND, J. (1962b). Efficiency of certain methods of estimation for the negative binomial and the Neyman type A distributions. Biometrika 49, 215-226.
 Users : Bardwell, G. E. and Crow, E. L. (1964), Blischke, W. R. (1965), Shenton, L. R. and Myers, R. (1965)
 Class.: NB-N:pe:G 1055
- KATTI, S. K. and MARTIN, DONALD C. (1961). See Martin, Donald C. and Katti, S. K. (1961).
- KATTI, S. K. and MARTIN, D. C. (1962). See Martin, D. C. and Katti, S. K. (1962).
- KATTI, S. K. and MARTIN, D. C. (1965). See Martin, D. C. and Katti, S. K. (1965).
- KATTI, S. K. and SINGH, J. (19). Expressions for moments in terms of cumulants and for factorial moments of generalized distributions in terms of those of its components. Rep., Florida State Univ., pp. 16.
 Class.: MI-N:m:G 1056
- KATTI, S. K. and SINGH, J. (1965). Expressions for moments in terms of cumulants. Res. Rep., Florida State Univ.
 Class.: MI-N:m:G 1057
- KATTI, S. K. and SINGH, J. (1965). See Singh, J. and Katti, S. K. (1965).
- KATTI, S. K. and SLY, L. E. (1965). Analysis of contagious data through behaviouristic models. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press. pp. 303-319.
 Class.: GP-N-OPR:mb-gf-cm:BM 1058
- KATTI, S. K., HOFFLANDER, A. E. and DICKERSON, O. D. (1961). See Dickerson, O. D., Katti, S. K. and Hofflander, A. E. (1961).
- KATZ, LEO (1945). Characteristics of frequency functions defined by first order difference equations. Ph. D. Thesis, Univ. Michigan.
 Class.: No classification 1059
- KATZ, LEO (1946). On the class of functions defined by the difference equation $(x+1)f(x+1) = (a+bx)f(x)$. (Abstract). Ann. Math. Statist. 17, 501.
 Users : Patil, G. P. (1963c), Bardwell, G. E. and Crow, E. L. (1964)
 Class.: No classification 1060

- KATZ, J. (1952). The distribution of the number of isolates in a social group. Ann. Math. Statist. 23, 271-276.
Users : Govindarajulu, Z. (1965)
Class.: MI:mb-a:S 1061
- KATZ, LEO (1953). Confidence intervals for the number showing a certain characteristic in a population when sampling is without replacement. J. Amer. Statist. Assoc. 48, 256-261.
Users : Wise, M. E. (1954)
Class.: H:ie:G-E 1062
- KATZ, LEO (1965). Unified treatment of a broad class of discrete probability distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 175-182.
Class.: MI-B-P-NB:m-pe-gf:G-P 1063
- KATZ, LEO and WILSON, T. R. (1956). The variance of the number of mutual choices in sociometry. Psychometrika 21, 299-304.
Class.: MI:mb-osp:S 1064
- KATZ, MORRIS W. (1961). Admissible and minimax estimates of parameters in truncated spaces. Ann. Math. Statist. 32, 136-142.
Users : Katz, M. W. (1963)
Class.: MI-B-P:pe:G 1065
- KATZ, MORRIS W. (1963). Estimating ordered probabilities. Ann. Math. Statist. 34, 967-972.
Class.: B:pe:G 1066
- KAUFMAN, A. and CRUON, R. (1961). Temps d'attente dans une file avec arrivées suivant la loi de Poisson par "grappes". Chiffres 3, 135-142.
Class.: 1067
- KAWAMURA, M., ASAI, A. and MURAKAMI, M. (1954). The estimation of Poisson parameter from a truncated distribution and a censored sample. (Japanese).
Class.: TCP:pe-tc:G J. College Arts Sci. Chiba Univ. 1, 141-148 1068
- KEATS, J. A. (1963). Some generalizations of a theoretical distribution of mental test scores. Tech. Rep. RB-63-25, Educational Testing Service, Princeton, N. J., pp. 26.
Class.: OHR:mb-gf:S 1069
- KEATS, J. A. (1964). Some generalizations of a theoretical distribution of mental test scores. Psychometrika 29, 215-231.
Class.: OHR:mb-gf:S 1070
- KEATS, J. A. and LORD, F. M. (1962). A theoretical distribution for mental test scores. Psychometrika 27, 59-72.
Users : Lord, F. M. (1962), Keats, J. A. (1964), Lord, F. M. (1964a)
Class.: NH-MHR:mb-ie:S 1071

- KEEPING, E. S. (1956). Statistical decisions. Amer. Math. Monthly 63, 147-159.
Class.: B:pe-tp:G 1072
- KEILSON, J. and KOOHARIAN, A. (1960). On time dependent queuing processes.
Ann. Math. Statist. 31, 104-112.
Class.: 1073
- KELLEHER, T. M. and KOJIMA, KEN-ICHI (1962). See Kohima, Ken-Ichi and Kelleher, T. M. (1962).
- KELLERER, HANS G. (1964). Linearkombinationen zufälliger Größen und ihre gemeinsame Verteilung. Math. Z. 84, 403-414.
Review: MR 29(1965), 778
Class.: 1074
- KEMP, A. W. and KEMP, C. D. (1956). See Kemp, C. D. and Kemp, A. W. (1956).
- KEMP, A. W. and KEMP, C. D. (1965). See Kemp, C. D. and Kemp, A. W. (1965).
- KEMP, C. D. (1965). Fitting the "short" distribution for accidents. (Abstract).
Biometrics 21, 776.
Class.: No classification 1075
- KEMP, C. D. and KEMP, A. W. (1956a). The analysis of point quadrat data.
Austral. J. Bot. 4, 167-174.
Users : Kemp, C. D. and Kemp, A. W. (1956b)
Class.: OHR:anovat-pe-gf:G-BM 1076
- KEMP, C. D. and KEMP, A. W. (1956b). Generalized hypergeometric distributions.
J. Roy. Statist. Soc. Ser. B 18, 202-211.
Review: MR 18(1957), 769
Users : Kemp, C. D. and Kemp, A. W. (1956a), Sarkadi, K. (1957), Edwards, A.W.F. (1958), Govindarajulu, Z. (1965), Knight, W. (1965)
Class.: H-NH-IH-OHR:mb-m-pe:G 1077
- KEMP, C. D. and KEMP, A. W. (1965). Some properties of the hermite distribution.
Biometrika 52, 381-394.
Class.: GP-MI:m-pe-osp-a-gf:G-BM 1078
- KENDALL, D. G. (1948). On some modes of population growth leading to R. A. Fisher's logarithmic series distribution. Biometrika 35, 6-15.
Users : Anscombe, F. J. (1949a), Oakland, G. B. (1950), Ramakrishnan, A. (1951), Kellam, J. G. (1952), Brian, M. V. (1953), David, F. N. and Moore, P. G. (1954), Robinson, P. (1954), David, F. N. (1955a), Simon, H. A. (1955), Patil, G. P. (1959), Cassie, R. M. (1962), Patil, G. P. (1962b), Tsao, C. M. (1962), Clark, P. J., Eckstrom, P. T. and Linden, L. C. (1964), Nelson, W. C. and David, H. A. (1964), Williamson, E. and Bretherton, M. (1964), Patil, G. P. and Shorrocks, R. W. (1966)
Class.: LS:pc-mb:G 1079

- KENDALL, D. G. (1953). Stochastic processes occurring in the theory of queues and their analysis by the method of the imbedded Markov chain. Ann. Math. Statist. 24, 338-354.
Users : Benes, V. E. (1957), Haight, F. (1959a)
Class.: 1080
- KENDALL, D. G. (1960). Birth-and-death processes, and the theory of carcinogenesis. Biometrika 47, 13-21.
Class.: 1081
- KENDALL, D. G. (1960). The bibliography of operational research. Operational Res. Quart. 11, 31-36.
Class.: No classification 1082
- KENDALL, M. G. (1961). Natural law in the social sciences. J. Roy. Statist. Soc. Ser. A 124, 1-16.
Users : Irwin, J. O. (1963), Chatfield, C., Ehrenverg, A.S.C. and Goodhardt, G. J. (1965), Irwin, J. O. (1965), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1966)
Class.: 1083
- KENNEDY, W. A. (1954). Tagging returns, age studies and fluctuations in abundance of Lake Winnipeg whitefish, 1931-1951. J. Fisheries Res. Board Canada 11(3), 284-309.
Class.: 1084
- KER, J. W. (1954). Distribution series arising in quadrat sampling of reproduction. J. Forestry 52, 838-841.
Users : Shive, C. J. and Beazley, R. (1957), Smith, J.H.G. and Ker, J.W. (1957)
Class.: 1085
- KER, J. W. and SMITH, J. H. G. (1957). See Smith, J.H.G. and Ker, J. W. (1957).
- KERRICH, J. C. and ARBOUS, A. G. (1951). See Arbous, A. G. and Kerrich, J. C. (1951).
- KERRIDGE, D. (1964). Probabilistic solution of the simple birth process. Biometrika 51, 258-259.
Class.: 1086
- KERSHAW, K. A. (1958). An investigation of the structure of a grassland community. J. Ecol. 46, 507-525.
Class.: 1087
- KERSTAN, J. and MATTHES, K. (1964). Stationare zufällige Punktfolgen II. Jber. Deutsch. Math.-Verein. 66, 106-118.
Class.: 1088

- KESTEN, HARRY and MORSE, NORMAN (1959). A property of the multinomial distribution. Ann. Math. Statist. 30, 120-127.
 Review: MR 21(1960), 837
 Users : Beachhofer, R. E., Elmaghraby, S. and Morse, N. (1959), Patil, G. P. and Bildikar, S. (1966a)
 Class.: B:tp:G 1089
- KHATRI, C. G. (1956). On the distributions obtained by varying the number of trials in a binomial distribution. Ann. Inst. Statist. Math. Tokyo 8, 47-51.
 Class.: COB:mb-pe-gf:G-BM 1090
- KHATRI, C. G. (1959). On certain properties of power-series distributions. Biometrika 46, 486-490.
 Users : Khatri, C. G. (1960), Patil, G. P. (1962a), Patil, G. P. (1962c), Patil, G. P. (1962d), Bardwell, G. E. and Crow, E. L. (1964), Nelson, W. C. and David, H. A. (1964), Shanfield, F. (1964), Govindarajulu, Z. (1965), Patil, G. P. (1965), Tweedie, M.C.K. (1965), Patil, G. P. and Bildikar, S. (1966a)
 Class.: PS:m:G 1091
- KHATRI, C. G. (1961-62). On the distributions obtained by varying the number of trials in a binomial distribution. Ann. Inst. Statist. Math. Tokyo 13, 47-51.
 Review: MR 24B(1962), 186
 Class.: COB:mb-pe-gf:G-BM 1092
- KHATRI, C. G. (1962a). A method for estimating approximately the parameters of a certain class of distributions from grouped observations. Ann. Inst. Statist. Math. Tokyo 14, 57-62.
 Review: MR 27(1964), 178
 Class.: 1093
- KHATRI, C. G. (1962b). A fitting procedure for a generalized binomial distribution. Ann. Inst. Statist. Math. Tokyo 14, 133-141.
 Review: MR 30(1965), 131
 Class.: GB:pe-gf:G-BM 1094
- KHATRI, C. G. (1962c). Distributions of order statistics for discrete case. Ann. Inst. Statist. Math. Tokyo 14, 167-171.
 Review: MR 27(1964), 181
 Users : Gupta, S. S. (1965)
 Class.: MI:os:G 1095
- KHATRI, C. G. (1962d). A simplified method of fitting the doubly or singly truncated negative-binomial distribution. J. Maharaja Sayajirao Univ. Baroda 11, 35-38.
 Class.: TCNB:pe-gf:G 1096

- KHATRI, C. G. and PATEL, I. R. (1961). Three classes of univariate discrete distributions. Biometrics 17, 567-575.
Users : Khatri, C. G. (1962b), Blischke, W. D. (1965), Kemp, C. D. and Kemp, A. W. (1965), Sprott, D. A. (1965b)
Class.: MI:mb-m-pe-gf:G-BM 1097
- KHINCHIN, A. YA. (1929). Über einen neuen Grenzwertsatz der Wahrscheinlichkeitsrechnung. Math. Ann. 101, 745-752.
Users : Richter, W. (1964)
Class.: 1098
- KHINCHIN, A. YA. (1937). Zur theorie der unbeschränkt teilbaren Verteilungsgesetze. Mat. Sb. 44, 79-120.
Class.: 1099
- KHINCHIN, A. YA. (1956a). On Poisson sequences of chance events. Theor. Probability Appl. 1, 291-297.
Class.: P:pc:G 1100
- KHINCHIN, A. YA. (1956b). Über Poissonsche Folgen zufälliger Ereignisse. (Russian. German summary). Teor. Veroyatnost. i Primenen. 1, 320-327.
Class.: 1101
- KHINCHIN, A. YA. (1962). Erlang's formulae in queueing theory. (Russian). Teor. Veroyatnost. i Primenen. 7, 330-335.
Class.: 1102
- KHINCHIN, A. YA. (1963). Erlang's formulas in the theory of mass service. Theor. Probability Appl. 7, 320-325.
Class.: 1103
- KIEFER, J. and WOLFOWITZ, J. (1956). Sequential tests of hypotheses about the mean occurrence time of a continuous parameter Poisson process. Naval Res. Logist. Quart. 3, 205-219.
Class.: 1104
- KIEFER, J. and WOLFOWITZ, J. (1959). Asymptotic minimax character of the sample distribution function for vector chance variables. Ann. Math. Statist. 30, 463-489.
Class.: M:pe:G 1105
- KINCAID, W. M. (1962). The combination of tests based on discrete distributions. J. Amer. Statist. Assoc. 57, 10-19.
Class.: MI-B:tp-c:G 1106
- KINGMAN, J. F. C. (1963). Poisson counts for random sequences of events. Ann. Math. Statist. 34, 1217-1232.
Class.: P:pc:G 1107

- KINGMAN, J. F. C. (1964). On doubly stochastic Poisson processes. Proc. Cambridge Philos. Soc. 60, 923-930.
Class.: 1108
- KINNEY, E. C. (1956). The otter trawl as a fish sampling device in western Lake Erie. Trans. Amer. Fisheries Soc. 86, 58-60.
Class.: 1109
- KIRKHAM, W. J. (1935). Moments about the arithmetic mean of a binomial frequency distribution. Ann. Math. Statist. 6, 96-101.
Users : Larguier, E. H. (1936), Curtiss, J. H. (1941), Patil, G. P. (1959).
Class.: B:m:G 1110
- KITAGAWA, T. (1941a). The limit theorems of the stochastic contagious processes. Mem. Fac. Sci. Kyūshū Univ. Ser. A 1, 167-194.
Review: MR 2(1941), 230
Users : Kitagawa, T. (1941b), Feller, W. (1943), Tsao, C. M. (1962), Kitagawa, T. (1965)
Class.: MI:pc:G 1111
- KITAGAWA, T. (1941b). The weakly contagious discrete stochastic process. Mem. Fac. Sci. Kyushu Univ. Ser. A 2, 37-65.
Users : Kitagawa, T., Huruya, S. and Yazima, T. (1942), Kitagawa, T. (1965)
Class.: MI:pc:G 1112
- KITAGAWA, T. (1952). Tables of Poisson Distribution. Baifukan, Tokyo, pp. 156.
Review: MR 15(1954), 724
Class.: 1113
- KITAGAWA, T. (1965). The weakly contagious discrete stochastic process. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 18-32.
Class.: MI:pc:G 1114
- KITAGAWA, T. and HURUYA, S. (1941). The application of the limit theorem of the contagious stochastic process to the contagious diseases. Mem. Fac. Sci. Kyushu Univ. Ser. A 1, 195-207.
Users : Kitagawa, T., Huruya, S. and Yazima, T. (1942), Feller, W. (1943), Tsao, C. M. (1962)
Class.: MI:pe:BM 1115
- KITAGAWA, T., HURUYA, S. and YAZIMA, T. (1942). The probabilistic analysis of the time-series of rare events. I. Mem. Fac. Sci. Kyushu Univ. Ser. A. 2, 151-204.
Class.: MI:h:G-P-BM 1116
- KLECZKOWSKI, A. (1949). The transformation of local lesion counts for statistical analysis. Ann. Appl. Biol. 36, 139-152.
Users : Bliss, C. I. and Owen, A.R.G. (1958), Hayman, B. I. and Lowe, A. D. (1961), Cassie, R. M. (1962)
Class.: 1117

- KLERK-GROBBEN, G. and PRINS, H. J. (1954). A test for comparing two small unknown probabilities, using samples of equal size, and its power. (Dutch. English summary). Statistica Neerlandica 8, 7-20.
Review: MR 16(1955), 499
Class.: 1118
- KLIMOV, V. N. (1957). On a local limit theorem for lattice distributions. Theor. Probability Appl. 2, 260-265.
Class.: MI:a:G 1119
- KNIGHT, WILLIAM (1965). A method of sequential estimation applicable to the hypergeometric, binomial, Poisson and exponential distributions. Ann. Math. Statist. 36, 1494-1503.
Class.: H-B-P:se:G 1120
- KOBAYASHI, SHIRO (1957). Studies on the distribution structure of the common cabbage butterfly *Pieris rapae* in cabbage farm. Biology 23(1), 1-6.
Class.: 1121
- KOBAYASHI, SHIRO (1960). Studies on the distribution pattern of the eggs of the common cabbage butterfly, *Pieris rapae crucivora* in a cabbage farm and the factors affecting its concentrating trend. Jap. J. Ecol. 10(4), 154-160.
Class.: 1122
- KOBAYASHI, SHIRO (1963). The distribution of *Pieris rapae crucivora* on cabbage leaves. Jap. J. Ecol. 13(6), 226-230.
Class.: 1123
- KOBAYASHI, SHIRO (1965). Influence of parental density on the distribution pattern of eggs in the common cabbage butterfly, *Pieris rapae crucivora*. Res. Pop. Ecol. 7, 109-117.
1124
- KOJIMA, KEN-ICHI and KELLEHER, T. M. (1962). Survival of mutant genes. Amer. Nat. 96, 329-346.
Class.: NP-P:mb:BM 1125
- KOLMOGOROV, A. N. (1950). Unbiased estimates. (Russian). Izv. Akad. Nauk SSSR Ser. Mat. 14, 303-326.
Users: Sirazhdinov, S. H. (1956)
Class.: 1126
Notes: Translation; Amer. Math. Soc. Translation, No. 98, pp. 28 (1953).
- KOLMOGOROV, A. N. (1951). Generalization of Poisson's formula to the case of a sample from a finite set. (Russian). Uspehi. Mat. Nauk 6, 3(43), 133-134.
Review: MR 13(1952), 258
Class.: 1127

- KOMAREK, E. V., WOOD, J. E. and DAVIS, D. E. (1958). See Wood, J. E., Davis, D. E. and Komarek, E. V. (1958).
- KONDO, MASAKI, MIYASHITA, KAZUYASHI, NAKAMURA, KAZUO, ITO, Y., and NAKAMURA, MASAKO (1962). See Ito, Y., Nakamura, Masako, Kondo, Masaki, Miyashita, Kazuyashi and Nakamura, Kazuo (1962).
- KONIG, DIETER and MATTHES, KLAUS (1963). Verallgemeinerungen der Erlangschen Formeln I. Math. Nachr. 26, 45-56.
Class.: 1128
- KONO, TATSURO, UTIDA, SYNNGO, YOSIDA, IOSIHARU and WATANABE, SYOZI (1952). Pattern of spatial distribution of the rice-stem borer *Chilo simplex*, in a paddy field. Res. Pop. Ecol. 1, 65-82.
Class.: 1129
- KOOHARIAN, A. and KEILSON, J. (1960). See Keilson, J. and Kooharian, A. (1960).
- KOOPMAN, B. O. (1950a). Necessary and sufficient conditions for Poisson's distribution. Proc. Amer. Math. Soc. 1, 813-823.
Review: MR 12(1951), 424
Users: Koopman, B. O. (1951), Walsh, J. E. (1955b), Walsh, J. E. (1955c), Fitzpatrick, R. (1958), Eisenberg, H. ., Geoghagen, R. M. and Walsh, J. E. (1963), Govindarajulu, Z. (1965)
Class.: P:osp:G 1130
- KOOPMAN, B. O. (1950b). A generalization of Poisson's distribution for Markoff chains. Proc. Nat. Acad. Sci. U.S.A. 36, 202-207.
Users: Koopman, B. O. (1951a), McCord, J. R. (1963)
Class.: OPR:pc:G 1131
- KOOPMAN, B. O. (1951). A law of small numbers in Markoff chains. Trans. Amer. Math. Soc. 70, 277-290.
Class.: OPR:pc:G 1132
- KOOPMANS, L. H. and CLARK C. R. (1959). See Clark, C. R. and Koopmans, L. H. (1959).
- KORDONSKII, KH. B. (1958). On a distribution of the number of defective items in manufactured lots. Theor. Probability Appl. 3, 329-333.
Users: Kordonskii, Kh. B. (1961)
Class.: MI:sgc:G 1133
- KORDONSKII, KH. B. (1958a). On a distribution for the number of spoiled articles in shipments. (Russian. English summary). Teor. Veroyatnost. i Primenen 3, 354-358.
Class.: 1134
- KORDONSKII, KH. B. (1961). The distribution of the number of defective items in manufactured lots. Theor. Probability Appl. 6, 314-320.
Class.: MI:sgc:G 1135

- KORDONSKII, KH. B. (1961a). The distribution of the number of defective items in lots. (Russian. English summary). Teor. Verojatnost. i Primenen. 6, 342-349.
Review: MR 24A(1962), 216
Class.: MI:sqc:G 1136
- KOROLJUK, V. S. and GUSAK, D. V. (1962). On the asymptotic behaviour of distributions of maximal deviations in the Poisson process. (Russian). Ukrain. Mat. Z. 14, 138-144.
Class.: 1137
- KOROLYUK, V. S. (1956). Asymptotic expansions for distributions of maximum deviations in the scheme of Bernoulli. (Russian). Dokl. Akad. Nauk SSSR 108, 183-186.
Review: MR 18(1957), 241
Class.: 1138
- KOROLYUK, V. S. (1959). Asymptotic analysis of maximum deviation distributions in the Bernoulli scheme. (Russian. English summary). Teor. Verojatnost. i Primenen. 4, 369-373.
Review: MR 22(1961), 1720
Class.: 1139
- KOSAMEI, D. D. (1949). Characteristic properties of series distributions. Proc. Nat. Inst. Sci. India 15, 109-113.
Review: MR 11(1950), 42
Users: Shanfield, F. (1964), Patil, G. P. (1965)
Class.: PS:m-pe-osp:G 1140
- KOUSGAARD, E. and HALD, A. (1963). See Hald, A. and Kousgaard, E. (1963).
- KOVALENKO, I. N. (1959a). On one class of optimal resolving functions for a binomial family of distributions. Teor. Verojatnost. i Primenen. 4, 101-105.
Review: MR 12(1960), 77
Class.: B:tp:G 1141
- KOVALENKO, I. N. (1959b). On a class of optimal decision functions for a binomial family of distributions. Theor. Probability Appl. 4, 95-99.
Review: MR 22(1961), 2178
Class.: B:tp:G 1142
- KOZELKA, R. M. (1956). Approximate upper percentage points for extreme values in multinomial sampling. Ann. Math. Statist. 27, 507-512.
Review: MR 17(1956), 1222
Users: Johnson, N. L. and Young, D. H. (1960), Patil, G. P. and Bildikar, S. (1966a)
Class.: M:os-a:G 1143

- KOZICKY, E. L., JESSEN, R. J. and KENDRICKSON, G. O. (1956). Estimation of fall quail populations in Iowa. J. Wildlife Managem. 20, 97-104.
Class.: 1144
- KOZNIIEWSKA, I. (1954). The first absolute central moment for Polya's distributions. (Polish. Russian and English summaries). Zastos. Mat. 1, 206-211.
Review: MR 16(1955), 602
Users : Sarkadi, K. (1957a)
Class.: 1145
- KRISHNAMOORTHY, A. S. (1951). Multivariate binomial and Poisson distributions. Sankhya 11, 117-124.
Review: MR 13(1952), 478
Users : Patil, G. P. and Bildikar, S. (1966)
Class.: MB-MP:osp:G 1146
- KROOTH, R. S. (1952-3). The fertility of the parents of abnormals. Ann. Eugenics 17, 79-89.
Class.: 1147
- KRUMBEIN, W. C. (1954). Applications of statistical methods to sedimentary rocks. J. Amer. Statist. Assoc. 49, 51-66.
Class.: B-P:gf:P 1148
- KRYSICKI, VLADIMIR (1961). Sur une formule asymptotique. C. R. Acad. Sci. Paris, 253, 369-371.
Review: MR 24A(1962), 321
Class.: B:a:G 1149
- KRYSICKI, WLADZIMIERZ (1957). Remarques sur la loi de Poisson. Bull. Soc. Sci. Lettres Lodz, 8, 1-24.
Class.: 1150
- KUBIK, L. (1959). The limiting distributions of cumulative sums of independent two-valued random variables. Studia Math. 18, 295-309.
Class.: MI:a:G 1151
- KUDO, AKIO and YAO, JING-SHING (1964). Some considerations on the multiple inverse sampling method. Bull. Math. Statist. 11(1-2), 63-77.
Class.: 1152
- KUENZLER, E. J. (1958). Niche relations of three species of Lycosid spiders. Ecology 39(3), 494-500.
Class.: P:gf:BM 1153
- KULLBACK, SOLOMON (1935). On the Bernoulli distribution. Bull. Amer. Math. Soc. 41, 857-864.
Users : Riorda J. (1937)
Class.: 1154

- KULLBACK, SOLOMON (1937). On certain distributions derived from the multinomial distribution. Ann. Math. Statist. 8, 127-144.
Users : Patil, G. P. and Bildikar (1966a)
Class.: OMR:mb-gf:G 1155
- KULLER, ROBERT G. (1964). Coin tossing, probability, and weierstrass approximation theorem. Math. Mag. 37, 262-265.
Class.: 1156
- KUPPER, JOSEF (1962). Modelle mit Wahrscheinlichkeitsansteckung. (French, English and Italian summaries). Mitt. Verein. Schweiz. Versich.-Math. 62, 183-194.
Class.: 1157
- KUTKUHN, J. H. (1958). Notes on the precision of numerical and volumetric plankton estimates from small-sample concentrates. Limnology and Oceanography 3(1), 69-83.
Users : Pamforth, S. S. (1958)
Class.: 1158
- L -
- LADOUCEUR, J. C., NARAYANA, T. V. and MOHANTY, S. G. (1960). See Narayana, T. V., Mohanty, S. G. and Ladouceur, J. C. (1960).
- LAGLER, K. F. and COOPER, G. P. (1956). See Cooper, G. P. and Lagler, K. F. (1956).
- LANCASTER, H. O. (1949a). The derivation and partition of χ^2 in certain discrete distributions. Biometrika 36, 117-129.
Users : Cochran, W. G. (1954), Lancaster, H. O. (1954), Corstein, L.C.A. (1957), Bodmer, W. F. (1959)
Class.: M-B:mi:G 1159
- LANCASTER, H. O. (1949b). The combination of probabilities arising from data in discrete distributions. Biometrika 36, 370-382.
Users : David, F. N. and Johnson, N. L. (1950), Pearson, E. S. (1950), Lancaster, H. O. (1952), Kincaid, W. M. (1962), Ellner, H. (1963)
Class.: B:tp:G 1160
- LANCASTER, H. O. (1952). Statistical control of counting experiments. Biometrika 39, 419-422.
Users : Skellam, J. G. (1952), Kathirgamathamby, H. (1953), Turner, M. E. and Eadie, G. S. (1957), Bennett, B. M. (1959), Lancaster, H. O. (1961), Ellner, H. (1963)
Class.: MI:mi:G 1161

- LANCASTER, H. O. (1953-4). A reconciliation of χ^2 considered from metrical and enumerative aspects. Sankhyā 13, 1-10.
Users : Corstein, L.C.A. (1957), Richter, W. (1964)
Class.: M-B:gf:G 1162
- LANCASTER, H. O. (1961). Significance tests in discrete distributions. J. Amer. Statist. Assoc. 56, 223-234.
Users : Ellner, H. (1963)
Class.: B-H-P-M:tp-a:G 1163
- LAPLACE, PIERRE S. (1812). Theorie analytique des probabilités.
Class.: No classification
Notes : Reprinted in Oeuvres complètes de Laplace, Treatise 7, Gauthier Villars, Paris, 1886. 1164
- LARGUIER, EVERETT H. (1936). On a method for evaluating the moments of a Bernoulli distribution. Ann. Math. Statist. 7, 191-195.
Class.: B:m:G 1165
- LARSEN, HAROLD D. (1939). Moments about the arithmetic mean of a hypergeometric frequency distribution. Ann. Math. Statist. 10, 198-201.
Class.: H:m:G 1166
- LARSH, J. E., GILCHRIST, H. and GREENBERG, B. G. (1952). See Greenberg, B. G., Larsh, J. E. and Gilchrist, H. (1952).
- LATIF, A. and BLENCH, T. (1950). See Blench, T. and Latif, A. (1950).
- LAUBSCHER, NICO F. (1960). On the stabilization of the Poisson variance. Trabajos Estadist. 11, 199-207.
Review: MR 25(1963), 137
Class.: P:anovat:G 1167
- LAUBSCHER, NICO F. (1961). On stabilizing the binomial and negative binomial variances. J. Amer. Statist. Assoc. 56, 143-150.
Class.: B-NB:anovat:G 1168
- LAURENT, A. G. (1965). Probability distributions, factorial moments, empty cell test. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 437-442.
Class.: MI:m:G 1169
- LEA, D. E., THODAY, J. M. and CATCHESIDE, D. G. (1945-6). See Catcheside, D. G., Lea, D. E. and Thoday, J. M. (1945-6).
- LEADBETTER, M. R. and WATSON, G. S. (1963). See Watson, G. S. and Leadbetter, M. R. (1963).
- LEANDER, E. K. and FINNEY, D. J. (1956). An extension of the use of the χ^2 test. Appl. Statist. 5, 132-136.

Review: MR 18(1957), 78

Class.: P-B:tp:E

1170

LECAM, LUCIEN (1960). An approximation theorem for the Poisson binomial distribution. Pacific J. Math. 10, 1181-1197.

Users : Hodges, J. L. and LeCam, L. (1960), Makabe, H. (1962), Govindarajulu, Z. (1965)

Class.: GBDP-E-P:a-mi:G

1171

LECAM, LUCIEN and HODGES, J. L. JR. (1960). See Hodges, J. L. Jr. and LeCam, Lucien (1960).

LECHNER, J. A. (1962). Optimum decision procedures for a Poisson process parameter. Ann. Math. Statist. 33, 1384-1402.

Users : Lindley, D. V. and Barnett, B. (1965)

Class.:

1172

LEECH, J. W. and DAVIES, R. O. (1954). See Davies, R. O. and Leech, J. W. (1954).

LEHMAN, E. H. JR. and MENDENHALL, W. (1960). See Mendenhall, W. and Lehman, E. H. Jr. (1960).

LEHMANN, E. L. and STEIN, C. (1949). On the theory of some non-parametric hypotheses. Ann. Math. Statist. 20, 28-45.

Class.:

1173

LEHMANN, E. L. and HODGES, J. L. JR. (1950). See Hodges, J. L. Jr. and Lehmann, E. L. (1950).

LEHMANN, E. L. and HODGES, J. L. JR. (1952). See Hodges, J. L. Jr. and Lehmann, E. L. (1952).

LEJEUNE, JEROME (1958). Sur une solution "A priori" de la methode "A posteriori" de Haldane. Biometrics 14, 513-520.

Class.:

1174

LEONARD, W. H. and CLARK, ANDREW (1939). See Clark, Andrew and Leonard, W. H. (1939).

LEONE, F. C., HAYMAN, G. E., CHU, J. T. and TOPP, C. W. (1960). Percentiles of the binomial distribution. Statist. Lab. Rep. 1030, Case Inst. Tech., pp. 36.

Class.: B:tc:G

1175

LESLIE, P. H. and DAVIS, D. H. S. (1939). An attempt to determine the absolute number of rats on a given area. J. Animal Ecol. 8(1), 94-113.

Users : Moran, P.A.P. (1951), Chapman, D. G. (1954)

Class.:

1176

- LESLIE, P. H. and GOWER, J. C. (1958). The properties of a stochastic model for two competing species. Biometrika 45, 316-330.
Class.: MI:pc-gf:BM 1177
- LESLIE, P. H. and ORIAN, G. H. (1958). See Orians, G. H. and Leslie, P. H. (1958).
- LESLIE, R. T. and BINET, F. E. (1960). See Binet, F. E. and Leslie, R. T. (1960).
- LESLIE, R. T., WINER, S., ANDERSON, R. L. and BINET, F. E. (1956). See Binet, F. E., Leslie, R. T., Weiner, S. and Anderson, R. L. (1956).
- LETAC, GERARD (1964). Une propriété de fluctuation des processus de Poisson composés croissants. C. R. Acad. Sci. Paris 258, 1700-1703.
Class.: 1178
- LEVINE, JACK (1958). A binomial identity related to rhyming sequences. Math. Mag. 32, 71-74.
Review: MR 20(2)(1959), 949
Class.: B:mi:G 1179
- LEVY, P. (1937a). Sur les exponentielles de polynomes. Ann. Sci. Ecole Norm. Sup. 73, 231-292.
Users : Kemp, C. D. and Kemp, A. W. (1965)
Class.: 1180
- LEVY, P. (1937b). L'arithmétique des lois de probabilité et les produits finis des lois de Poisson. C. R. Acad. Sci. Paris 204, 944-946.
Class.: P:mi:G 1181
- LEVY, P. (1937c). Nouvelle contribution à l'arithmétique des produits de lois de Poisson. C. R. Acad. Sci. Paris 205, 535-537.
Class.: 1182
- LEVY, P. (1937). Complement à un theoreme sur la loi de Gauss. Bull. Sci. Math. 61, 115-128.
Class.: 1183
- LEWIS, PETER A. W. (1964). A branching Poisson process model for the analysis of computer failure patterns. J. Roy. Statist. Soc. Ser. B 26, 398-456.
Class.: 1184
- LEWIS, PETER A. W. (1965). Some results on tests for Poisson processes. Biometrika 52, 67-77.
Class.: 1185
- LEWONTIN, R. C. and PROUT, TIMOTHY (1956). Estimation of the number of different classes in a population. Biometrics 12, 211-223.
Users : Pathak, P. K. (1964)
Class.: 1186

- LI, C. C. (1957). Repeated linear regression and variance components of a population with binomial frequencies. Biometrics 13, 225-233.
Class.: B:anovat:G-BM 1187
- LICHTE, WILLIAM H. (1947). A method and tables for obtaining standard errors of differences between proportions when N_1 is equal to N_2 . J. Appl. Psychol. 21, 449-456.
Review: PA 22(1948), Ab.No. 1963
Class.: B:ctp-tc:G 1188
- LIDSTONE, G. J. (1942). Notes on the Poisson frequency distribution. J. Inst. Actuar. 71, 284-291.
Review: MR 4(1943), 20
Class.: 1189
- LIEBERMAN, GERALD J. and OWEN, DONALD B. (1961). Tables of the hypergeometric probability distribution. Stanford Studies in Math. and Statist., III. Stanford Univ. Press, pp. 726.
Review: MR 22(1961), 1463
Class.: 1190
- LIEBLEIN, JULIUS (1949). Partial sums of the negative binomial in terms of the incomplete β -function. (Abstract). Ann. Math. Statist. 20, 623.
Users : Tsao, C. M. (1962), Patil, G. P. (1963c)
Class.: No classification 1191
- LIENAU, C. C. (1941). Discrete bivariate distribution in certain problems of statistical order. Amer. J. Hyg. Sect. A, 33(3), 65-85.
Review: BA 15(1941), Ab.No. 14214
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: 1192
- LIMBER, D. N. (1953). Analysis of counts of the extragalactic nebulae in terms of a fluctuating density field. Astrophys. J. 117, 134-144.
Users : Neyman, J. and Scott, E. (1954)
Class.: MI:mi:P 1193
- LIMBER, D. N. (1954). Analysis of counts of the extragalactic nebulae in terms of a fluctuating density field. Astrophys. J. 119, 655-681.
Class.: MI:mi:P 1194
- LIMBER, D. N. (1957). Analysis of counts of the extragalactic nebulae in terms of a fluctuating density field. Astrophys. J. 125, 9-41.
Class.: MI:mi:P 1195
- LINDEN, L. C., CLARK, P. J. and ECKSTROM, P. T. (1964). See Clark, P. J., Eckstrom, P. T. and Linden, L. C. (1964).
- LINDLEY, D. V. (1957). Binomial sampling schemes and the concept of information. Biometrika 44, 179-186.
Review: MR 19(1958), 30

- Users : Edwards, A.W.F. (1960a), Tweedie, M.C.K. (1965)
Class.: B:mi:G 1196
- LINDLEY, D. V. and BARNETT, B. N. (1965). Sequential sampling; two decision problems with linear losses for binomial and normal random variables. Biometrika 52, 507.
Class.: B:tp:G 1197
- LINHART, H. (1959). Techniques for discriminant analysis with discrete variables. Metrika 2, 138-149.
Review: MR 21(1960), 1130
Class.: 1198
- LINNIK, YU. V. (1957a). On the composition of Gaussian and Poissonian probability laws. (Russian). Dokl. Akad. Nauk SSSR 114, 21-24.
Review: MR 19(1958), 889
Class.: 1199
- LINNIK, YU. V. (1957b). Some theorems on the factorization of infinitely divisible laws. Dokl. Akad. Nauk SSSR 116, 549-551.
Class.: 1200
- LINNIK, YU. V. (1957c). On the factorization of infinitely divisible laws. (Russian). Dokl. Akad. Nauk SSSR 116, 735-737.
Class.: 1201
- LINNIK, YU. V. (1957d). On the decomposition of the convolution of Gaussian and Poissonian laws. Theor. Probability Appl. 2, 31-57.
Class.: P:mi:G 1202
- LINNIK, YU. V. (1957e). On factorizing the composition of a Gaussian and a Poissonian law. (Russian. English summary). Teor. Veroyatnost. i Primenen. 2, 34-59.
Review: MR 19(1958), 777
Class.: 1203
- LINNIK, YU. V. (1958). General theorems on the factorization of infinitely divisible laws. Teor. Veroyatnost. i Primenen. 3, 3-40.
Users : Ramachandran, B. (1961a)
Class.: 1204
- LINNIK, YU. V. (1959a). General theorems of the factorization of infinitely divisible laws. Teor. Veroyatnost. i Primenen. 4, 55-85.
Users : Ramachandran, B. (1961a)
Class.: 1205
- LINNIK, YU. V. (1959b). General theorems on the factorization of infinitely divisible laws. III. Sufficient conditions (countable bounded Poisson spectrum; unbounded spectrum; "stability"). Teor. Veroyatnost. i Primenen. 4, 150-171.
Users : Ramachandran, B. (Ramachandran, B. (1961a))
Class.: 1206

- LINN'K, YU. V. (1959c). Five lectures on some topics in number theory and probability theory. (Russian. Hungarian and English summaries). Magyar Tud. Akad. Mat. Kutató Int. Közl. 4, 225-258.
Review: MR 28(1964), 764
Class.: 1207
- LIPSON, H. I. and SCHREK, R. (1941). See Schrek, R. and Lipson, H. I. (1941).
- LITTAUER, S. B. and PEACH, P. (1946). See Peach, Paul and Littauer, S. B. (1946).
- LITTLE, J. D. C. (1961). Approximate expected delays for several maneuvers by a driver in Poisson traffic. Operations Res. 9, 39-52.
Users : Oliver, R. (1962)
Class.: 1208
- LITTLEFORD, R. A., NEWCOMBE, C. L. and SHEPHERD, B. B. (1940). An experimental study of certain quantitative plankton methods. Ecology 21(3), 309-322.
Users : Robertson, O. H. (1947), Kutkuhn, J. H. (1958)
Class.: P:h:BM 1209
- LOCHER, MILAN P. (1963). On the combinatorial derivation of the coefficients in the product density method. (German summary). Z. Angew. Math. Phys. 14, 368-372.
Review: MR 14(1964), 9
Class.: 1210
- LOCKE, L. G. (1964). Bayesian statistics. Industrial Quality Control 20(10), 18-22.
Class.: 1211
- LOCKHART, E. E. (1951). Binomial systems and organoleptic analysis. Food Tech. 5, 428-431.
Users : Baker, G. A., Amerine, M. A. and Roessler, E. B. (1954)
Class.: 1212
- LOEVE, MICHEL (1950). On sets of probability laws and their limit elements. Univ. California Publ. Statist. 1, 53-88.
Users : Ahmed, M. S. (1961), Edwards, C. B. (1962), Fuchs, C. E. and David, H. (1965a)
Class.: MI-P:a:G 1213
- LONGUET-HIGGINS, M. S. (1952). On the statistical distribution of the heights of sea waves. J. Marine Res. 11(3), 245-266.
Class.: 1214
- LORD, F. M. (1960). The negative hypergeometric distribution with practical application to mental test scores. Naval Res. Contract Nonr-2752(00), Educational Test. Ser., Princeton, N. J. pp. 19.
Class.: NH:m-osp-c-mb:S 1215

- LORD, F. M. (1962). Estimating true measurements from fallible measurements (binomial case) - expansion in a series of Beta distributions. Naval Res. Contract Nonr-2752(00), Educational Test. Ser., Princeton, N. J., pp. 26.
Class.: B-NH:pe-gf:S 1216
- LORD, F. M. (1964). A strong true-score theory, with applications. Res. Bull. RB-64-19, Educational Test. Ser., Princeton, N. J., pp. 58.
Class.: COB:mb-gf-mi:S 1217
- LORD, F. M. (1964a). True score theory - the four-parameter beta model with binomial errors. Naval Res. Contract Nonr-2752(00), Educational Test. Ser. Princeton, N. J.
Class.: COB:mb-gf:S 1218
- LORD, F. M. and KEATS, J. A. (1962). See Keats, J. A. and Lord, F. M. (1962).
- LOWE, A. D. and HAYMAN, B. I. (1961). See Hayman, B. I. and Lowe, A. D. (1961).
- LUDERS, R. (1934). Die statistik der seltenen ereignisse. Biometrika 26, 108-128.
Review: BA 9(1935), Ab.No. 15361
Users : Cernuschi, F. and Castagnetto (1946), Anscombe, F. J. (1950a), Barton, D. E. (1957), Barton, D. E. and David, F. N. (1959a), Bartko, J. J. (1961b)
Class.: 1219
- LUKACS, E. (1954). Sur une caracterisation de la distribution de Poisson. C. R. Acad. Sci. Paris 239, 1114-1116.
Review: MR 16(1955), 377
Users : lukacs, E. (1960)
Class.: P:osp:G 1220
- LUKACS, E. (1960). On the characterization of a family of populations which includes the Poisson population. (Abstract). Ann. Math. Statist. 31, 239.
Class.: No classification 1221
- LUKACS, E. (1960-61). On the characterization of a family of populations which includes Poisson populations. Ann. Univ. Sci. Budapest. Eötvös Sect. Math. 3-4, 159-175.
Users : lukacs, E. (1965)
Class.: 1222
- LUKACS, E. (1963). Applications of characteristic functions in statistics. Sankhyā 25A, 175-188.
Class.: B-NB:osp:G 1223
- LUKACS, E. (1965). Characterization problems for discrete distributions. Classical and Contagious Discrete Distribution, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 65-74.
Class.: MI-B-P-NB-G:osp:G 1224

- " "
- LUNDBERG, F. (1930). Über die Wahrscheinlichkeitsfunktion einer Risikenmasse. Skand. Aktuarietidskr. 13, 1-
Class.: 1225
- LUNDBERG, OVE (1940). On random processes and their application to sickness and accident statistics. Ph. D. Thesis, Univ. of Stockholm, Uppsala.
Users : Feller, W. (1943), Govindarajulu, Z. (1965)
Class.: No classification 1226
- LUNDKVIST, K. (1936). Calculation of the grade of service in automatic telephone systems. Ericsson Technics 4, 75-81.
Class.: 1227
- LYONS, L. A. (1964). The spatial distribution of two pine saw lies and methods of sampling for the study of population dynamics. Canad. Ent. 96, 1373-1407.

- M -

- MACARTHUR, R. H. (1957). On the relative abundance of bird species. Proc. Nat. Acad. Sci. U.S.A. 43, 293-295.
Users : Hairston, N. G. (1959), MacArthur, R. H. (1960), Clark, P. J., Eckstrom, P. T. and Linden, L. C. (1964)
Class.: MI:mb:BM 1228
- MACARTHUR, R. H. (1960). On the relative abundance of species. Amer. Nat. 94, 25-36.
Users : Clark, P. J., Eckstrom, P. T. and Linden, L. C. (1964)
Class.: 1229
- MACEIDA, E. C. (1948). On the compound and generalized Poisson distributions. Ann. Math. Statist. 19, 414-416.
Review: MR 10(1949), 552
Users : Janossy, L., Renyi, A. and Aczel, J. (1950), Crow, E. L. (1958a), Teicher, H. (1960a), Tsao, C. M. (1962), Blischke, W. R. (1965)
Class.: GP-COP:osp:G 1230
- MACFADYEN, A. (1952). The small arthropods of a Molinia fen at Cothill. J. Animal Ecol. 21(1), 87-117.
Class.: P:h:BM 1231
- MACFADYEN, A. (1953). Notes on methods for the extraction of small soil arthropods. J. Animal Ecol. 22(1), 65-77.
Class.: GP:mi:BM 1232
- MACK, C. (1950). The expected number of aggregates in a random distribution of n points. Proc. Cambridge Philos. Soc. 46, 285-292.
Class.: MI:mi:G 1233
- MACK, C. (1953). The effect of overlapping in bacterial counts of incubated colonies. Biometrika 40, 220-222.
Class.: MI.mi:BM 1234

- MACKAY, J. H. (1959). Asymptotically efficient tests based on the sums of observations. Ann. Math. Statist. 30, 806-813.
Class.: B:tp:G 1235
- MACKENZIE, W. A., FISHER, R. A. and THORNTON, H. G. (1922). See Fisher, R. A., Thornton, H. G. and MacKenzie, W. A. (1922).
- MACKINNON, WILLIAM J. (1959). Compact table of twelve probability levels of the symmetric binomial cumulative distribution for sample sizes to 1,000. J. Amer. Statist. Assoc. 54, 164-172.
Class.: B:tp-tc:G 1236
- MACLEOD, P., ANDERSON, E. O., BLISS, C. I. and MORGAN, M. E. (1951). See Morgan, M. E., MacLeod, P., Anderson, E.O. and Bliss, C. I. (1951).
- MACLULICH, D. A. (1951). A new technique of animal census, with examples. J. Mammalogy 32(3), 318-328.
Class.: 1237
- MACLULICH, D. A. (1957). The place of chance in population processes. J. Wildlife Managem. 21(3), 293-299.
Class.: 1238
- MADOW, WILLIAM G. (1941). On some new results in the sampling of discrete random variables. (Abstract). Ann. Math. Statist. 12, 123.
Class.: No classification 1239
- MAGATH, THOMAS B., HURN, M. and BERKSON, J. (1935). See Berkson, J., Magath, T. B. and Hurn, M. (1935).
- MAGUIRE, B. A., PEARSON, E. S. and WYNN, A. H. A. (1952). The time intervals between industrial accidents. Biometrika 39, 168-180.
Users: Birnbaum, A. (1953), Cox, D. R. (1953), Birnbaum, A. (1954b), Moore, P. G. (1954b), Taylor, W. F. (1955), Thomissen, F. X. (1956), Fitzpatrick, R. (1958), Haight, F. (1958b)
Class.: 1240
- MAGUIRE, B. A., PEARSON, E. S. and WYNN, A. H. A. (1953). Further notes on the analysis of accident data. Biometrika 40, 214-216.
Class.: 1241
- MAHAMUNULU, D. M. (1962). Summation of an infinite series. Math. Student 30, 207-208.
Class.: TCNB:m:G 1242
- MAHAMUNULU, D. M. (1964). Some remarks on the regression in the multivariate Poisson distribution. (Abstract). Ann. Math. Statist. 35, 1850.
Class.: No classification 1243

- MAINLAND, D., HERRERA, L. and SUTCLIFFE, M. I. (1956). Statistical tables for use with binomial samples - contingency tests, confidence limits, and sample size estimates. Dept. Medical Statist., New York Univ. College of Medicine. pp. 83.
Class.: B:tp-ie-pe-tc:G 1244
- MAKABE, H. (1955). A normal approximation to binomial distribution. Rep. Statist. Appl. Res. Un. Japan Sci. Engrs. 4, 47-53.
Review: MR 17(1956), 756
Users: Makabe, H. and Morimura, H. (1956), Govindarajulu, Z. (1965)
Class.: 1245
- MAKABE, H. (1962). On the approximations to some limiting distributions with some applications. Kōdai. Math. Sem. Rep. 14, 123-133.
Class.: P-GBDP:a-sqc:G-E 1246
- MAKABE, H. (1964). On approximations to some limiting distributions with applications to the theory of sampling inspections by attributes. Kōdai. Math. Sem. Rep. 16, i-17.
Review: MR 28(1964), 1064
Users: Govindarajulu, Z. (1965)
Class.: 1247
- MAKABE, H. and MORIMURA, H. (1955). A normal approximation to Poisson distribution. Rep. Statist. Appl. Res. Un. Japan Sci. Engrs. 4, 37-46.
Review: MR 17(1956), 756
Users: Makabe, H. and Morimura, H. (1956), Makabe, H. (1962), Govindarajulu, Z. (1965)
Class.: 1248
- MAKABE, H. and MORIMURA, H. (1956). On the approximation to some limiting distributions. Kōdai Math. Sem. Rep. 8, 31-40.
Review: MR 18(1957), 423
Users: Makabe, H. (1962), Govindarajulu, Z. (1965)
Class.: B-P-MI:a:G 1249
- MALMQUIST, S. (1947). A statistical problem connected with the counting of radioactive particles. Ann. Math. Statist. 18, 55-264.
Users: Sandelius, M. (1950), Nadler J. (1960)
Class.: P:pc:P 1250
- MALY, V. and GRIMM, H. (1961). See Grimm, H. and Maly, V. (1961).
- MALY, V. and GRIMM, H. (1962). See Grimm, H. and Maly, V. (1962).
- MANHEIMER, D. I., MELLINGER, G. D., SLYWESTER, D. L. and GAFFEY, W. R. (1965). See Mellinger, G. D., Slyvester, D. L., Gaffey, W. R. and Manheimer, D. I. (1965).
- MANTEL, NATHAN, EDERER, FRED and MYERS, MAX H. (1964). See Ederer, Fred, Myers, Max H. and Mantel, Nathan (1964).

MARCEWSKI, E., RYLL-NARDZEWSKI, C. and FLOREK, K. (1953). See Florek, K., Marczewski, E. and Ryll-Nardzewski, C. (1953).

MARDIA, K. V. (1961). An important integral and applications in partial fractions. Math. Student 29, 15-20.
Class.: NB:osp:G 1251

MARGALEF, R. (1957). La teoria de la informacion en ecologia. Mem. Real Acad. Ci. Art. Barcelona 32, 373-449.
Users : Hairston, N. G. (1959), Clark, P. J., Eckstrom, P. T. and Linden, L. C. (1964)
Class.: 1252

MARGOLIS, L. and BISHOP, Y. M. M. (1955). See Bishop, Y.M.M. and Margolis, L. (1955).

MARITZ, J. S. (1950). On the validity of inferences drawn from the fitting of Poisson and negative binomial distributions to observed accident data. Psychol. Bull. 47, 434-443.
Users : Blum, M. L. and Mintz, A. (1951), Sichel, H. S. (1951), Webb, M. and Jones, E. R. (1953), Arbous, A. G. and Sickel, H. S. (1954a), Arbous, A. G. and Sichel, H. S. (1954b), Fitzpatrick, R. (1958), Edwards, C. B. and Gurland, J. (1960), Edwards, C. B. and Gurland, J. (1961), Haight, F. (1965a)
Class.: MP-NM:gf:A 1253

MARITZ, J. S. (1952). Note on a certain family of discrete distributions. Biometrika 39, 196-198.
Review: MR 13(1952), 956
Users : Khatri, C.G. (1960), Khatri, C. G. and Patel, I. R. (1961), Kemp, C. D. and Kemp, A. W. (1965)
Class.: MP:cm:G 1254

MARLOW, W. H. (1965). Factorial distributions. Ann. Math. Statist. 36, 1066-1068.
Class.: MI:mi:G 1255

MERRELL, MARGARET (1933). On certain relationships between β_1 and β_2 for the point binomial. Ann. Math. Statist. 4, 216-228.
Class.: B:osp:G 1256

MARSAGLIA, G. (1961). Generating exponential random variables. Ann. Math. Statist. 32, 899-900.
Users : Sibuya, M. (1961)
Class.: MI:mb:G 1257

MARSDEN, E. and BARRATT, T. (1911). The probability distribution of the time intervals of a particles with application to the number of particles emitted by uranium. Proc. Phys. Soc. 23, 367-373.
Class.: 1258

- MARSHALL, ALBERT W. and OLKIN, INGRAM (1964). Inclusion theorems for eigenvalues from probability inequalities. Numer. Math. 7, 98-102.
Review: MR 29(1965), 549
Class.: 1259
- MARSHALL, J. (1936). The distribution and sampling of insect populations in the field with special reference to the American bollworm, *Heliothis obsoleta*, Fabre. Ann. Appl. Biol. 23, 153-152.
Users: Beall, G. and Rescia, R. R. (1953), Jensen, P. (1959)
Class.: 1260
- MARSHALL, S. M. and BARNES, H. (1951). See Barnes, H. and Marshall, S. M. (1951).
- MARTIN, D. C. (1964). Validity of certain contagious distributions. Tech. Rep., Dept. Statist., Florida State Univ.
Class.: N-P-MI:a-gf-mb:BM 1261
- MARTIN, D. C. and KATTI, S. K. (1961). Maximum likelihood estimates for certain contagious distributions using high speed computers. Ann. Math. Statist. 32, 1349.
Class.: No classification 1262
- MARTIN, D. C. and KATTI, S. K. (1962a). Approximations to the Neyman type A distribution for practical problems. Biometrics 18, 354-364.
Review: MR 25(1963), 1077
Users: Blischke, W. R. (1965), Govindarajulu, Z. (1965), Katti, S. K. and Sly, L. E. (1965), Martin, D. C. and Katti, S. K. (1965)
Class.: N:a:G 1263
- MARTIN, D. C. and KATTI, S. K. (1962b). Fitting of certain contagious distributions to some available data by the maximum likelihood method. Res. Rep. School of Aerospace Medicine and Florida State Univ., pp. 16.
Class.: N-NB-P-COB:pe-gf-c:G 1264
- MARTIN, D. C. and KATTI, S. K. (1962c). Fitting routines for contagious distributions. Res. Rep., School of Aerospace Medicine and Florida State Univ., pp. 24.
Class.: N-NB-P-COB:c:G 1265
- MARTIN, D. C. and KATTI, S. K. (1965). Fitting of some contagious distributions to some available data by the maximum likelihood method. Biometrics 21, 34-48.
Users: Martin, D. C. and Katti, S. K. (1962c), Katti, S. K. and Sly, L. E. (1965)
Class.: 1266
Notes: Correction; Biometrics 21, 514.
- MARTIN, L. (1961). Etude Biometrique de la natalite en belgique sur la base du recensement de 1947. Bull. Assoc. Licencies en Sci. Actuarielles, Univ. Libre de Bruxelles (Bruxelles) 2, 25-53.
Class.: COB-P-OBR:gf:S 1267

- MARTIN, L. (1962a). Les processus de Poisson et leurs applications en biologie. Biometrie-Praximétrie 3, 55-82.
Class.: P:pc-mb:BM 1268
- MARTIN, L. (1962b). Biomathematical model of adaptometric curves. Biom. Z. 4, 73-84.
Class.: P:mb:BM 1269
- MARTIN, L. (1963). Les processus de Poisson et leurs applications en biologie. (suite). Biometrie-Praximétrie 4, 81-97.
Class.: P:pc-mb-osp:BM 1270
- MARTIN, SANELIUS (1964). Positive unbiased estimators of a positive mean of a Poisson distribution. (Abstract). Ann. Math. Statist. 35, 1407.
Class.: No classification 1271
- MARTOF, B. S. (1953). Territoriality in the green frog, *Rana clamitans*. Ecology 34(1), 165-174.
Class.: MI:h:BM 1272
- MARUYAMA, G. (1955). On the Poisson distribution derived from independent random walks. Natur. Sci. Rep. Ochanomizu Univ. 6, 1-6.
Review: MR 18(1957), 341
Class.: P:pc-mb:G 1273
- MASUYAMA, M. (1951). An improved binomial probability paper and its use with tables. Rep. Statist. Appl. Res. Un. Japan. Sci. Engrs. 1, 15-22.
Review: MR 13(1952), 961
Class.:
Notes: Correction; Rep. Statist. Appl. Res. Un. Japan. Sci. Engrs. 1(3), 32-33. 1274
- MASUYAMA, M. (1960). Table of $\underline{n}$, $\log_e \underline{n}$, $\underline{n} \log_e \underline{n}$ and $\underline{n}(\log_e \underline{n})$ for $\underline{n}=1$ through 500 with applications. Rep. Statist. Appl. Res. Un. Japan. Sci. Engrs. 7, 56-64.
Review: MR 22(1961), 528
Class.: 1275
- MATHEN, K. K. and CHAKRAVORTY, P. N. (1950). A statistical study on multiple cases of disease in households. Sankhyā 10, 387-392.
Class.: 1276
- MATHER, K. (1949). The analysis of extinction time data in bioassay. Biometrics 5, 127-143.
Class.: 1277
- MATTHES, K. and KERSTAN, J. (1964). See Kerstan, J. and Matthes, K. (1964).
- MATTHES, K. and KONIG, DIETER (1963). See Konig, Dieter and Matthes, K. (1963).

- MATUSZEWSKI, T. I. (1962). Some properties of Pascal distribution for finite population. J. Amer. Statist. Assoc. 57, 172-174.
Users : Knight, W. (1965)
Class.: IH:mi:G 1278
- MAY, KENNETH (1948). Probabilities of certain election results. Amer. Math. Monthly 55, 203-209.
Class.: MI:mi:S 127c
- MCCALL, C. H. JR., THOMAS, R. E. and ROBERTS, H. R. (1958). See Roberts, H. R. McCall, C. H. Jr. and Thomas, R. E. (1958).
- MCCARTHY, PHILIP J. (1947). The approximate solutions for means and variances in a certain class of box problems. Ann. Math. Statist. 18, 349-383.
Review: MR 11(1950), 41
Class.: NB-MNB:m:G 1280
- MCCORD, JAMES R. (1963). Generalized multidimensional Poisson distributions for finite Markov chains. J. Math. Anal. Appl. 6, 349-372.
Review: MR 27(1964), 168
Class.: 1281
- MCCULLOCH, WARREN S. (1948). The statistical organization of nervous activity. Biometrics 4, 91-99.
Class.: 1282
- MCFADDEN, J. A. (1965). The mixed Poisson process. Sankhya 27A, 83-92.
Class.: 1283
- MCFEELY, F. S. (1956). Decision procedures for the comparison of exponential and geometric populations. Ph.D. Thesis, Virginia Polytechnic Institute.
Class.: No classification 1284
- MCGINNIES, W. G. (1934). The relation between frequency index and abundance as applied to plant populations in a semi-arid region. Ecology 15, 263-282.
Users : Blackman, G. E. (1935), Fracker, S. R. and Brischke, H. (1944), Whitford, P. B. (1949), Curtis, J. and McIntosh, R. (1950), Cain, S. A. and Evans, F. C. (1952), Thomson, G. W. (1952).
Class.: MI:mi:BM 1285
- MCGREGOR, JAMES and KARLIN, SAMUEL (1965). See Karlin, Samuel and McGregor, James (1965).
- MCGUIRE, J. U., BRINDLEY, T. A. and BANCROFT, T. A. (1957). The distribution of European corn borer larvae *pyrausta nubilalis* (hbn) in field corn. Biometrics 13, 65-78
Review: BA 33(1959), Ab.No. 16430
Class.: N-P-GP-COB:gf:BM
Notes : Errata and Extensions; Biometrics 14, 432-434. 1286

- MCINTOSH, R. P. and CURTIS, J. T. (1950). See Curtis, J. T. and McIntosh, R.P. (1950).
- MCKENDRICK, A. G. (1915a). A test for residual epidemicity. Indian J. Medical Res. 2, 882-887.
Class.: 1287
- MCKENDRICK, A. G. (1915b). The epidemiological significance of repeated infections and relapses. Indian J. Medical Res. 3, 266-270.
Class.: 1288
- MCKENDRICK, A. G. (1915c). The epidemiological significance of spenic enlargement in malaria. Indian J. Medical Res. 3, 271-274.
Class.: 1289
- MCKENDRICK, A. G. (1926). Applications of mathematics to medical problems. Proc. Edinburgh Math. Soc. 44, 98-130.
Users : Bartlett, M. S. (1957), Irwin, J. O. (1963), Kemp, C. D. and Kemp, A. W. (1965)
Class.: 1290
- MEDGYESSY, P. (1954a). Diszkrét valószínűség-eloszlások keverékének felbontása összetevőire. (Decomposition of discrete compound probability distributions.) (Hungarian. English and Russian summaries). Magyar Tud. Akad. Alkalm. Mat. Int. Közl. 3, 139-153.
Review: MR 17(1956), 862
Users : Blischke, W. R. (1965)
Class.: 1291
- MEDGYESSY, P. (1954b). Újabb eredmények valószínűségeloszlásfüggvények keverékének összetevőire bontásával kapcsolatban. (Some recent results concerning the decomposition of compound probability distributions.) (Hungarian. English and Russian summaries). Magyar Tud. Akad. Alkalm. Mat. Int. Közl. 3, 155-169; 331-341.
Users : Blischke, W. R. (1965)
Class.: 1292
- MELLINGER, G. D., SYLWESTER, D. L. and GAFFEY, W. R. and MANHEIMER, D. I. (1965) A mathematical model with applications to a study of accident repeatedness among children. J. Amer. Statist. Assoc. 60, 1046-1059.
Class.: NM:mb-gf:A 1293
- MENDELSON, N. S. (1956). The asymptotic series for a certain class of permutation problem. Canad. J. Math. 8, 234-244.
Review: MR 17(1956), 935
Class.: MI-P:a:G 1294
- MENDENHALL, W. (1958). A bibliography on life testing and related topics. Biometrika 45, 521-543.
Users : Mendenhall, W. and Lehman, E. H. (1960)
Class.: No classification 1295

- MENDENHALL, W. and LEHMAN, E. H. JR. (1960). An approximation to the negative moments of the positive binomial useful in life testing. Technometrics 2, 227-242.
Review: MR 22(1961), 861
Users : Govindarajulu, Z. (1962c), Govindarajulu, Z. (1962d), Govindarajulu, Z. (1963), Tiku, M. (1964)
Class.: TCB:m-a:E 1296
- MENGIDO, R. M. and DAVID, H. T. (1963). See David, H. T. and Mengido, R. M. (1963).
- MERIC, J. (1953). Test profressif de l'hypothèse que le paramètre d'une loi binomiale est voisin d'une valeur donnée. C. R. Acad. Sci. Paris 237, 1390-1392.
Review: MR 15(1954), 727
Class.: B:tp:G 1297
- MERIC, J. (1954a). Ajustement des constantes d'un test binomial de Wald permettant d'obtenir les expressions exactes de ses caractéristiques. C. R. Acad. Sci. Paris 238, 2142-2143.
Review: MR 16(1955), 272
Class.: B:tp:G 1298
- MERIC, J. (1954b). Étude de la formule de Walker donnant la fonction "O.C." du test binomial de Wald. C. R. Acad. Sci. Paris 239, 1117-1119.
Review: MR 16(1955), 383
Class.: B:tp:G 1299
- MERIC, J. (1957). Sur le calcul de la fonction "O.C." du test binomial de Wald, à partir de la relation de récurrence de Polya. C. R. Acad. Sci. Paris 245, 1500-1502.
Class.: B:tp:G 1300
- MERIC, J. (1958). Sur une méthode matricielle pour le calcul de la fonction "O.C." du test binomial de Wald. C. R. Acad. Sci. Paris 246, 884-887.
Class.: B:tp-c:G 1301
- MERIC, J. (1961). Caractéristiques d'un test binomial séquentiel avec échantillonnage par groupes. C. R. Acad. Sci. Paris 253, 2195-2197.
Review: MR 24A(1962), 214
Class.: B:tp:G 1302
- MERIC, J. and HURON, R. (1954). See Huron, R. and Meric, J. (1954).
- MERRINGTON, M., BARTON, D. E. and DAVID, F. N. (1960). See Barton, D. E., David, F. N. and Merrington, M. (1960).
- MESALKIN, L. P. (1960). Approximation of a multinomial distribution by infinitely divisible laws. (Russian. English summary). Teor. Veroyatnost. i Primenen. 5, 114-124.

- Review: MR 24A(1962), 448
 Users : Patil, G.P. and Bildikar, S. (1966a)
 Class.: B-M:a:G 1303
- MESHALKIN, L. D. (1960a). On the approximation of polynomial distributions by infinitely divisible laws. Theor. Probability Appl. 5, 106-114.
 Class.: B-M:a:G 1304
- MEYER, PAUL L. and BIRNBAUM, Z. W. (1951). See Birnbaum, Z. W. and Meyer, Paul L. (1951).
- MICHAEL, E. L. (1920). Marine ecology and the coefficient of association: a plea in behalf of quantitative biology. J. Ecol. 8(1), 54-59.
 Class.: 1305
- MIELKE, PAUL W. and SIDDIQUI, M. M. (1965). A combinatorial test for independence of dichotomous responses. J. Amer. Statist. Assoc. 60, 437-441.
 Class.: B:mi:G-BM 1306
- MIHOC, G. (1952). La loi des événements rares pour les chaînes de Markov. (Romanian. Russian and French summaries). Acad. R. P. Roum. Bul. Sti. Mat. Fiz. 4, 783-790.
 Users : McCord, J. R. (1963)
 Class.: 1307
- MIHOC, G. (1954). Extension de la loi de Poisson pour les chaînes de Markov, multiples et homogènes. (Romanian. Russian and French summaries). Acad. R. P. Roum. Bul. Sti. Mat. Fiz. 6, 5-15.
 Class.: 1308
- MIHOC, G. (1956). Über verschiedene Ausdehnungen des Poissonschen Gesetzes auf endliche konstante Markoffsche Ketten. Ber. Tagung Wahrsch. Rechnung Math. Statist., Berlin, 43-49.
 Class.: 1309
- MIKHALEVICH, V. S. (1956). Sequential Bayes' solutions and optimal methods of statistical acceptance control. Theor. Probability Appl. 1, 395-421.
 Users : Kordonskii, H. B. (1958), Lindley, D. V. and Barnett, B. (1965)
 Class.: B-P:sgc:G 1310
- MIKHALEVICH, V. S. (1956a). Consecutive Bayes' solutions and optimal methods of statistical acceptance control. (Russian. English summary). Teor. Veroyatnost. i Primenen. 1, 437-465.
 Review: MR 19 (1958), 694
 Users : Kovalenko, I. N. (1959b)
 Class.: B-P:sgc:G 1311
- MIKHALEVICH, V. S. (1958). Sequential selection between two solutions for a Poisson process. Theor. Probability Appl. 3, 430-434.
 Class.: 1312

- MILES, R. E. (1964). A wide class of distributions in geometrical probability. (Abstract). Ann. Math. Statist. 35, 1407.
Class.: No classification 1313
- MILES, S. R. (1935). A rapid and easy method of testing the reliability of an average and a discussion of the normal and binomial methods. J. Amer. Soc. Agron. 27(1), 21-31.
Review: BA 9(1935), Ab.No. 17712
Class.: 1314
- MILLER, A. J. (1962). Road traffic considered as a stochastic process. Proc. Cambridge Philos. Soc. 58, 312-325.
Class.: 1315
- MILLER, G. A., NEWMAN, E. B. and FRIEDMAN, E. A. (1958). Length-frequency statistics for written English. Information and Control 1, 370-389.
Users: Simon, H. (1960), Mosteller, F. and Wallace, D. (1963)
Class.: 1316
- MILLER, K. W. and ADLER, H. A. (1946). See Adler, H. A. and Miller, K. W. (1946).
- MILLER, R. G. JR. (1960). Priority queues. Ann. Math. Statist. 31, 86-103.
Class.: 1317
- MILNE, A. and CLARK, R. B. (1955). See Clark, R. B. and Milne, A. (1955).
- MINTZ, ALEXANDER and BLUM, MILTON L. (1951). See Blum, Milton L. and Mintz, Alexander (1951).
- MIRKOVICH, A. R., YOUNGS, J. W. T. and GEISLER, M. A. (1954). See Youngs, J.W.T. Geisler, M. A. and Mirkovich, A. R. (1954).
- MISES, R. V. (1942). On the correct use of Bayes' formula. Ann. Math. Statist. 13, 156-165.
Class.: Bi:ie:G 1318
- MITRA, S. K. and BASU, D. (19). See Basu, D. and Mitra, S. K. (19).
- MITRA, S. K. and ROY, J. (1957). See Roy, J. and Mitra, S. K. (1957).
- MIYASHITA, KAZUYASHI, NAKAMURA, KAZUO, ITO, Y., NAKAMURA, MASAKO and KONDO, MASAKI (1962). See Ito, Y., Nakamura, Masako, Kondo, Masaki, Miyashita, Kazuyashi, Nakamura, Kazuo (1962).
- MOHANTY, S. G., LADOUCEUR, J. C. and NARAYANA, T. V. (1960). See Narayana, T. V. Mohanty, S. G. and Ladouceur, J. C. (1960).
- MOLENAAR, W. (1964). Some remarks on mixtures of distributions. Tech. Rep. S 337(UP24), Math. Centrum (Amsterdam), pp. 15.
Class.: 1319

- MOLINA, E. C. (1915). An interpolation formula for Poisson's exponential binomial limit. Amer. Math. Monthly 22, 223-224.
Class.: P:c:G 1320
- MOLINA, E. C. (1927). Application of the theory of probability to telephone trunking problems. Bell. System Tech. J. 6, 461-491.
Class.: 1321
- MOLINA, E. C. (1929). Application to the binomial summation of a Laplacian method for the evaluation of definite integrals. Bell System Tech. J. 8, 99-108.
Class.: B:c:G 1322
- MOLINA, E. C. (1942). Poisson's exponential binomial limit. Table I - Individual terms. Table II-Cumulated terms. Van Nostrand, N. J. pp. 45.
Review: PA 17(1943), Ab.No. 2560
Class.: No classification 1323
- MOLLISON, J. E., QUENOUILLE, M. H. and JONES, P. C. T. (1948). See Jones, P.C.T., Mollison, J. E. and Quenouille, M. H. (1948).
- MOORE, P. G. (1952). Estimation of the Poisson parameter from a truncated distribution. Biometrika 39, 247-251.
Review: MR 14(1953), 391
Users: Plackett, R. L. (1953), Cohen, A. C. (1954), Moore, P. G. (1954a), Rider, P. R. (1955b), Moore, P. G. (1956b), Roy, J. and Mitra, S. K. (1957), Brass, W. (1958a), Hartley, H. O. (1958), Tate, R. F. and Goen, R. L. (1958), Cohen, A. C. (1959e), Patil, G. P. (1959), Cohen, A. C. (1960b) Cohen, A. C. (1960d), Cohen, A. C. (1960e), Cohen, A. C. (1961a), Patil, G. P. (1961b), Hughes, E. J. (1962), Patil, G. P. (1962e), Doss, S.A.D.C. (1963)
Class.: TCP:pe:G 1324
- MOORE, P. G. (1953). A test for non-randomness in plant populations. Ann. Bot. Lond., N.S. 17, 57-62
Users: David, F. N. and Moore, P. G. (1954)
Class.: 1325
- MOORE, P. G. (1954a). A note on truncated Poisson distributions. Biometrics 10, 402-406.
Review: MR 16(1955), 498
Users: Moore, P. G. (1956b), Roy, J. and Mitra, S. K. (1957), Tate, R. F. and Goen, R. L. (1958), Patil, G. P. (1959), Hughes, E. J. (1962), Patil, G. P. (1962e), Staff, P. J. (1964)
Class.: TCP:pe:G 1326
- MOORE, P. G. (1954b). Spacing in plant populations. Ecology 35, 222-227.
Users: Clark, P. J. and Evans, F. C. (1954a), Waters, W. E. and Hensen, W. R. (1959)
Class.: P:mi-h:BM 1327

- MOORE, P. G. (1956a). The geometric, logarithmic and discrete Pareto forms of series. J. Inst. Actuar. 82, 130-136.
Class.: 1328
- MOORE, P. G. (1956b). The transformation of a truncated Poisson distribution. Skand. Aktuarietidskr. 39, 19-25.
Review: MR 19(1958), 472
Class.: TCP:anovat:G 1329
- MOORE, P. G. (1957). Transformations to normality using fractional powers of the variable. J. Amer. Statist. Assoc. 52, 237-246.
Class.: P:anovat:G 1330
- MOORE, P. G. and DAVID, F. N. (1954). See David, F. N. and Moore, P. G. (1954).
- MOORE, P. G. and DAVID, F. N. (1957). See David, F. N. and Moore, P. G. (1957).
- MORAN, P.A.P. (1951). A mathematical theory of animal trapping. Biometrika 38, 307-311.
Users : Craig, C. C. (1953a), Chapman, D. G. (1954), Sen, P. K. (1960), Pathak, P. K. (1964)
Class.: M:pe:BM 1331
- MORAN, P.A.P. (1952). A characteristic property of the Poisson distribution. Proc. Cambridge Philos. Soc. 48, 206-207.
Class.: P:osp:G 1332
- MORAN, P.A.P. (1955). A probability theory of dams and storage systems - modification of the release rule. Austral. J. Appl. Sci. 6, 117-130.
Users : Phatarfod, R. M. (1963)
Class.: 1333
- MORAN, P.A.P. (1958). The distribution of gene frequency in a bisexual diploid population. Proc. Cambridge Philos. Soc. 54, 468-474.
Class.: MI:pc:BM 1334
- MORANT, G. (1921). On random occurrences in space and time when followed by a closed interval. Biometrika 13, 309-337.
Class.: 1335
- MORGAN, M. E., MACLEOD, P., ANDERSON, E. O. and BLISS, C. I. (1951). A sequential procedure for grading milk by microscopic counts. Bull. 276, Storrs Agri. Expt. Stn., Conn.
Users : Bliss, C. I. and Fisher, R. A. (1952)
Class.: MI:srp:BM 1336
- MORIGNTI, S. and ROBBINS, H. (1962). A Bayes test of $p \leq \frac{1}{2}$ versus $p > \frac{1}{2}$. Rep. Statist. Appl. Res. Un. Japan. Sci. Engrs. 9, 39-60.
Users : Lindley, D. V. and Barnett, B. (1965)
Class.: 1337

- MORIMURA, H. (1961). A note on sums of independent random variables. Kodai Math. Sem. Rep. 13, 255-260.
Class.: MI:mi:G 1338
- MORIMURA, H. and MAKABE, H. (1955). See Makabe, H. and Morimura, H. (1955).
- MORIMURA, H. and MAKABE, H. (1956). See Makabe, H. and Morimura, H. (1956).
- MORLAT, G. (1952). Sur une generalization de la loi de Poisson. C. R. Acad. Sci. Paris 235, 933-935.
Class.: OPR:mb:G 1339
- MORRIS, K. W. (1963). A note on direct and inverse binomial sampling. Biometrika 50, 544-545.
Review: MR 28(1964), 1055
Class.: B-NB:osp:G 1340
- MORRIS, R. F. (1954). A sequential sampling technique for spruce budworm egg surveys. Canad. J. Zool. 32, 302-313.
Users: Waters, W. E. (1955), Bliss, C. I. and Fisher, A.R.G. (1958)
Class.: 1341
- MORRIS, R. F. (1955). The development of sampling techniques for forest insect defoliators, with particular reference to the spruce budworm. Canad. J. Zool. 33, 225-294.
Class.: 1342
- MORSE, NORMAN and KESTEN, HARRY (1959). See Kesten, Harry and Morse, Norman (1959).
- MORSE, NORMAN, BECHHOFFER, ROBERT E. and ELMAGHRABY, SALAH (1959). See Bechhofer, Robert, E., Elmaghraby, Salah and Morse, Norman (1959).
- MORSE, PHILIP M., SIMOND, M. and GALLIHER, H. P. (1959). See Galliher, H. P., Morse, Philip M. and Simond, M. (1959).
- MORTARA, (1912). Sulle variazioni di frequenza di alcuni fenomeni demografici rari. Ann. Statist. 4, 5-81.
Users: Whitaker, L. (1914), Thorndike, F. (1926)
Class.: 1343
- MOSHER, W. W. JR., HAIGHT, F. A. and WHISLER, B. F. (1961). See Haight, F. A., Whisler, B. F. and Mosher, W. W. Jr. (1961).
- MOSIMANN, J. E. (1962). On the compound multinomial distribution, the multivariate θ -distribution, and correlations among proportions. Biometrika 49, 65-82.
Users: Mosimann, J. E. (1963), Tallis, G. M. (1964), Blischke, W. R. (1965), Patil, G. P. and Bildikar, S. (1966a)
Class.: CONM:osp-pe:G-BM 1344

- MOSIMANN, J. E. (1963). On the compound negative multinomial distribution and correlations among inversely sampled pollen counts. Biometrika 50, 47-54.
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: COMM:osp:pe:G-BM 1345
- MOSIMANN, J. E., GURIAN, JOAN M. and CORNFIELD, J. (1964). See Gurian, Joan M., Cornfield, J. and Mosimann, J. E. (1964).
- MOSTELLER, F. and TUKEY, J. W. (1949). The uses and usefulness of binomial probability paper. J. Amer. Statist. Assoc. 44, 174-212.
Users : Blom, G. (1954), Raff, M. S. (1956)
Class.: B:mi:G-E 1346
- MOSTELLER, F. and WALLACE, D. L. (). Disputed authorship. Proc. Harvard Symp. Dig. Computers Appl.
Class.: 1347
- MOSTELLER, F. and WALLACE, D. L. (1963). Inference in an authorship problem. J. Amer. Statist. Assoc. 58, 275-307.
Users : Kendricks, W. (1974)
Class.: 1348
- MOSTELLER, F. and YOUTZ, C. (1961). Tables of the Freeman-Tukey transformations for the binomial and Poisson distributions. Biometrika 48, 433-440.
Users : Govindarajulu, Z. (1965)
Class.: B-P:anovat-tc:G 1349
- MOSTELLER, F., SAVAGE, L. J. and GIRSHICK, M. A. (1946). See Girshick, M. A., Mosteller, F. and Savage, L. J. (1946).
- MOTT-SMITH, J. C. (1960). Estimation of the binomial distribution. Res. Rep. Air Force Cambridge Lab., Bedford, Mass.
Users : Mott-Smith, J. C. (1964)
Class.: B:pe:G 1350
- MOTT-SMITH, J. C. (1964). Two estimates of the binomial distribution. Ann. Math. Statist. 35, 809-816.
Review: MR 29(1965), 138
Class.: B:pe:G 1351
- MOYAL, J. E. (1949). The distribution of wars in time. J. Roy. Statist. Soc. Ser. A 112, 446-449.
Class 1352
- MUENCH, HUGO (1936). The probability distribution of protection test results. J. Amer. Statist. Assoc. 31, 677-689.
Users : Muench, H. (1938), Chiang, C. L. (1951), Lord, F. (1960), Blischke, W. R. (1965)
Class.: B-NH:mb-gf:BM 1353

- MUENCH, H. (1938). Discrete frequency distributions arising from mixtures of several single probability values. J. Amer. Statist. Assoc. 33, 390-398.
Users : vonSchilling, W. (1947), Cohen, A. C. (1961c), Blischke, W. R. (1964), Blischke, W. R. (1965)
Class.: COB-COF:mb-gf:BM 1354
- MUNZNER, H. (1956). Zur Frage: Binomialverteilung oder Poissongesetz? Bl.-Deutsch. Ges. Versicherungs-Math. 2, 405-412.
Review: MR 17(1956), 1217
Class.: 1355
- MURAKAMI, MASAYASU (1961). Censored sample from truncated Poisson distribution. (Japanese. English summary). J. College Arts Sci. Chiba Univ. 3, 263-268.
Review: MR 26(1963), 1076
Class.: 1356
- MURAKAMI, M., KAWAMURA, M. and ASAI, A. (1954). See Kawamura, M., Asai, A. and Murakami, M. (1954).
- MURTEIRA, B. (1957-8). On type A regions for Polya distributions. Univ. Lisboa Revista Fac. Ci. A. 6(2), 327-330.
Class.: 1357
- MURTY, V. N. (1956). A note on Bhattacharyya bounds for the negative binomial distribution. Ann. Math. Statist. 27, 1182-1183.
Review: MR 18(1957), 772
Class.: NB:pe:G 1358
- MYERS, E. and CHAPMAN, V. J. (1953). Statistical analysis applied to a vegetation type in New Zealand. Ecology 34, 175-185.
Class.: LS:mi:BM 1359
- MYERS, MAX H., MANTEL, NATHAN and EDERER, FRED (1964). See Ederer, Fred, Myers, Max H. and Mantel, Nathan (1964).
- MYERS, R. (1963). Orthogonal statistics and some sampling properties of moment estimators for the negative binomial distribution. Ph. D. Thesis, Virginia Polytechnic Institute.
Users : Bowman, K. O. and Shenton, L. R. (1965a)
Class.: No classification 1360
- MYERS, R. and SHENTON, L. R. (1965). See Shenton, L. R. and Myers, R. (1965).

- N -

- NABIYA, S. (1950). On a relation between exponential law and Poisson's law. Ann. Inst. Statist. Math. Tokyo 2, 13-16.
Review: MR 12(1951), 424
Class.: 1361

- NADLER, JACK (1960). Inverse binomial sampling plans when an exponential distribution is sampled with censoring. Ann. Math. Statist. 31, 1201-1204.
Review: MR 22(1961), 1961
Users : Bartholomew, D. J. (1965), Knight, W. (1965)
Class.: NB:mi:G 1362
- NAIR, A. N. K. (1942). On the probability of obtaining k sets of consecutive successes in n trials. Math. Student 10, 83-84.
Review: MR 4(1943), 248
Class.: B:mi:G 1363
- NAKAMURA, MASAKO, KONDO, MASAKI, MIYASHITA, KAZUYASHI, NAKAMURA, KAZUO, ITO, Y. (1962). See Ito, Y., Nakamura, Masako, Kondo, Masaki, Miyashita, Kazuyashi and Nakamuro, Kazuo (1962).
- NAKAMURA, KAZUO, ITO, Y., NAKAMURA, MASAKO, KONDO, MASAKI, MIYASHITA, KAZUYASHI (1962). See Ito, Y., Nakamura, Masako, Kondo, Masaki, Miyashita, Kazuyashi, and Nakamuro, Kazuo (1962).
- NARAYAN, T. V. (1954). A problem in the theory of probability. J. Indian Soc. Agri. Statist. 6, 139-146.
Review: MR 18(1953), 423
Users : Narayana, T.V. and Sathe, Y. S. (1961)
Class.: B:pc:G 1364
- NARAYANA, T. V. (1962). An analogue of the multinomial theorem. Canad. Math. Bull. 5, 43-50.
Class.: M:mi:G 1365
- NARAYANA, T. V. and BRAINERD, B. (1961). See Brainerd, B. and Narayana, T. V. (1961).
- NARAYANA, T. V. and SATHE, Y. S. (1961). Minimum variance unbiased estimator in coin tossing problems. Sankhyā 23A, 101-106.
Review: MR 24A(1962), 704
Class.: B:pc-pe:G 1366
- NARAYANA, T. V., MOHANTY, S. G. and LALOUCEUR, J. C. (1960). A combinatorial problem and its applications to probability theory. II. J. Indian Soc. Agric. Statist. 12, 182-189.
Review: MR 24A(1962), 107
Class.: B:pc:G 1367
- NAT. BUR. STANDARDS (1950). Tables of the binomial probability distribution Appl. Math. Ser. 6,
Review: SA 53A(1950), Ab.No. 7685 1368
Class.:
- NAVRATIL, J. (1958). Determination of the parameters of a compound distribution. (Czech). Pokroky Mat. Fyz. Astronom. 3, 41-45.
Class.: 1369

- NAWROTZKI, KURT (1962). Ein Grenzwertsatz für homogene zufällige Punktfolgen (Verallgemeinerung eines Satzes von A. Rényi). Math. Nachr. 24, 201-217.
Class.: 1370
- NAYLOR, A. F. (1964). Comparisons of regression constants fitted by maximum likelihood to four common transformations of binomial data. Ann. Human Genetics 27, 241-246.
Class.: 1371
- NAZAROV, I. M., PRESSMAN, A. JA. and BERLJAND, O. S. (1962). See Berljang, O. S., Nazarov, I. M. and Pressman, A. Ja. (1962).
- NEESS, J., EMLER, J. T. JR. and YOUNG, H. (1952). See Young, H., Neess, J. and Emler, J. T. Jr. (1952).
- NELSON, A. C. JR., WILLIAMS, J. S. and FLETCHER, N. T. (1963). Estimation of the probability of defective failure from destructive tests. Technometrics 5, 459-468.
Class.: B-NB-MI:pe:E 1372
- NELSON, L. and ALBERT, G. E. (1953). See Albert, G. E. and Nelson, L. (1953).
- NELSON, W. C. and DAVID, H. A. (1964). The logarithmic distribution. Tech. Rep. 58, Dept. Statist., Virginia Polytechnic Inst., pp. 98.
Users: Patil, G. P. and Bildikar, S. (1966a)
Class.: No classification 1373
- NEW, W. D., DUDLEY, F. H., BUSHLAND, R. C., BAUMHOVER, A. H., GRAHAM, A. J., BITTER, B. A. and HOPKINS, D. E. (1955). See Baumhover, A. H., Graham, A. J., Bitter, B. A., Hopkins, D. E., New W. D., Dudley, F. H. and Bushland, R. C. (1955).
- NEWBOLD, E. M. (1927). Practical applications of the statistics of repeated events, particularly to industrial accidents. J. Roy. Statist. Soc. Ser. A 90, 487.
Users: Felier, W. (1943), Anscombe, F. J. (1950a), Maritz, J. S. (1950), Arbous, A. and Kerrich, J. (1951), Adelstein, A. M. (1952), Good, I. J. (1953b), Webb, W. and Jones, E. R. (1953), Arbous, A. G. and Sichel, H. S. (1954b), Grainger, R. M. and Reid, D. B. (1954), Fitzpatrick, R. (1958), Gurland, J. (1958), Barton, D. E. and David, F. N. (1959a)
Class.:
Notes: Appendix; J. Roy. Statist. Soc. Ser. A 90, 518-535. 1374
- NEWCOMBE, C. L., SHEPHERD, B. B. and LITTLEFORD, R. A. (1940). See Littleford, R. A., Newcombe, C. L. and Shepherd, B. B. (1940).
- NEWELL, D. J. (1963). Immediate admissions to hospital. Proc. Third Int. Con. Oper. Res. Oslo 3, 224-233.
Class.: P:gf:BM 1375

NEWELL, D. J. (1965). Unusual frequency distributions. Biometrics 21, 159-168.
Class.: 1376

NEWELL, G. F. (1960). Queues for a fixed-cycle traffic light. Ann. Math. Statist. 31, 589-597.
Class.: 1377

NEWMAN, E. B., FRIEDMAN, E. A. and MILLER, G. A. (1958). See Miller, G. A.
Newman, E. B. and Friedman, E. A. (1958).

NEYMAN, J. (1933). "The law of small numbers" and its applications. (Polish).
Wiadomo. Mat. 35, 1-18.
Class.: 1378

NEYMAN, J. (1935). On the problem of confidence intervals. Ann. Math. Statist.
6, 111-116.
Users : Buehler, R. J. (1957), Pachares, J. (1960)
Class.: MI-B:ie:G 1379

NEYMAN, J. (1938). A historical note on Karl Pearson's deduction of the moments
of the binomial. Biometrika 30, 11-15.
Class.: B:m:G 1380

NEYMAN, J. (1939). On a new class of "contagious" distributions, applicable in
entomology and bacteriology. Ann. Math. Statist. 10, 35-57.
Users : Beall, G. (1940), Feller, W. (1943), Fracker, S. B. and Brischke,
H. (1944), Wadley, F. M. (1945), Cole, L. C. (1946), Cole, L. C. (1946a),
Bowen, M. F. (1947), Garwood, F. (1947), Archibald, E.E.A. (1948), Ashby,
E. (1948), Shenton, L. R. (1949), Thomas, M. (1949), Archibald, E.E.A.
(1950), Bateman, C. I. (1950), Curtis, J. and McIntosh, R. (1950), Anscombe,
F. J. (1950a), Wadley, F. M. (1950), Arbous, A. and Kerrich, J. (1951),
Barnes, H. and Marshall, S. M. (1951), Barnes, H. and Stanbury, F. (1951),
Johnson, N. L. (1951), Morgan, M. E., MacLeod, P., Anderson, E. C. and Bliss,
C. I. (1951), Skellam, J. G. (1952), Thomson, G. W. (1952), Beall, G. and
Rescia, R. R. (1953), Bliss, C. I. and Fisher, R. A. (1953), MacFadyen, A.
(1953), Moore, P. G. (1953), Clark, P. J. and Evans, F. C. (1954a), David,
F. N. and Moore, P. G. (1954), Moore, P. G. (1954b), Robinson, P. (1954),
Rutherford, R.S.G. (1954), Douglas, J. B. (1955), McGuire, J., Brindley,
T. A. and Bancroft, T. A. (1957), Neyman, J. and Scott, E. L. (1957),
Pielou, E. C. (1957), MacLulich, D. A. (1957), Bliss, C. I. (1958), Gurland,
J. (1958), Skellam, J. G. (1958b), Cohen, A. C. (1959c), Hairston, N. G.
(1959), Jensen, P. (1959), Neyman, J. and Scott, E. L. (1959), Patil, G. P.
(1959), Waters, W. E. and Hensen, W. R. (1959), Cohen, A. C. (1960c),
Katti, S. K. (1960d), Pielou, E. C. (1960), Shumway, R. and Gurland, J.
(1960b), Shumway, R. and Gurland, J. (1960c), Bardwell, G. E. (1961), Khatri,
C. G. and Patel, I. R. (1961), Martin, L. (1961), Cassie, R. M. (1962),
Martin, D. C. and Katti, S. K. (1962a), Martin, D. C. and Katti, S. K. (1962b),
Martin, D. C. and Katti, S. K. (1962c), Pielou, E. C. (1962), Tsao, C. M.
(1962), Bardwell, G. E. and Crow, E. L. (1964), Subrahmaniam, K. (1964),
Blischke, W. R. (1965), Crow, E. L. and Bardwell, G. E. (1965), Katti, S. K.
and Sly, L. E. (1965), Kemp, C. D. and Kemp, A. W. (1965), Lukacs, E. (1965),

- Neyman, J. (1965), Sprott, D. A. (1965b)
Class.: N-MI:mb-gf:G-BM 1381
- NEYMAN, J. (1949). On the problem of estimating the number of schools of fish.
Univ. California Publ. Statist. 1, 21-36.
Users : Chapman, D. G. (1954)
Class.: MI-P-B:pe:BM 1382
- NEYMAN, J. (1965). Inaugural address: Certain chance mechanisms involving discrete distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 4-14.
Class.: NM-MI:mb-osp-pc:A-G 1383
- NEYMAN, J. and BATES, G. E. (1952). See Bates, G. E. and Neyman, J. (1952).
- NEYMAN, J. and IWASZKIEWICZ, K. (1931). See Iwaszkiewicz, K. and Neyman J. (1931).
- NEYMAN, J. and PEARSON, E. S. (1922-33). The testing of statistical hypotheses in relation to probabilities a priori. Proc. Cambridge Philos. Soc. 29, 492-510.
Class.: 1384
- NEYMAN, J. and SCOTT, E. L. (1952). A theory of the spatial distribution of galaxies. Astrophys. J. 116, 144-163.
Users : Neyman, J. and Scott, E. L. (1953), Neyman, J. and Scott, E. L. (1954), Neyman, J. and Scott, E. L. (1962), Neyman, J. (1965)
Class.: 1385
- NEYMAN, J. and SCOTT, E. L. (1953). Frequency of separation and of interlocking of clusters of galaxies. Proc. Nat. Acad. Sci. U.S.A. 39, 737-743.
Class.: MI:mb:P 1386
- NEYMAN, J. and SCOTT, E. L. (1954). Spatial distribution of galaxies: analysis of the theory of fluctuations. Proc. Nat. Acad. Sci. U.S.A. 40, 873-882.
Class.: MI:mi:P 1387
- NEYMAN, J. and SCOTT, E. L. (1957). On a mathematical theory of populations conceived as conglomerations of clusters. Cold Spring Harbor Symp. on Quantitative Biol. 22, 109-120.
Users : Neyman, J. (1965), Scott, E. L. (1965)
Class.: 1388
- NEYMAN, J. and SCOTT, E. L. (1959). Stochastic models of population dynamics. Science 130, 303-308.
Class.: 1389

- NEYMAN, J. and SCOTT (1962). Contribution to the study of the abundance of multiple galaxies. Studies in Mathematical Analysis and Related Topics, Ed. Gilbarg, Solomon, etc., Stanford Univ. Press, pp. 262-269.
Users : Scott, E. L. (1965)
Class.: 1390
- NEYMAN, J., SCOTT, E. L. and SHANE, C. D. (1956). Statistics of images of galaxies with particular reference to clustering. Proc. 3rd Berkeley Symp. Math. Statist. Prob. 3, 75-82.
Class.: 1391
- NEYMAN, J., PURI, P. S., BUHLER, W., FEIN, H. and GOLDSMITH, D. (1965). See Buhler, W., Fein, H., Godlsmith, D., Neyman, J. and Puri, P. S. (1965).
- NICHOLSON, W. L. (1956). On the normal approximation to the hypergeometric distribution. Ann. Math. Statist. 27, 471-483.
Review: MR 19(1958), 326
Users : Hannan, J. and Harkness, W. (1963), Govindarajulu, Z. (1965)
Class.: H-B:a:G 1392
- NICHOLSON, W. L. (1960). Occupancy probability tables based on the multinomial distribution for equally probable events. Res. and Develop. Rep. HW-57502 REV, Hanford Labs., General Electric pp. 44.
Users : Nicholson, W. L. (1961), Patil, G. P. and Bildikar, S. (1966a)
Class.: M-OMR:tc:G 1393
- NICHOLSON, W. L. (1961). Occupancy probability distribution critical points. Biometrika 48, 175-180.
Class.: M-OMR:tp-tc:G 1394
- NISIDA, TOSIO (1952). On the inverse function of Poisson process. Math. Japon. 2, 135-142.
Class.: 1395
- NISADA, T. (1953). On some probability distributions concerning Poisson process. Math. Japon. 3, 7-12.
Class.: MI:pc:G 1396
- NOACK, A. (1950). A class of random variables with discrete distribution. Ann. Math. Statist. 21, 127-132.
Review: MR 11(1950), 445
Users : Roy, J. and Mitra, S. K. (1957), Khatri, C. G. (1959), Patil, G. P. (1959), Khatri, C. G. (1960), Bardwell, G. E. (1961), Williams, E. J. (1961b), Patil, G. P. (1962a), Patil, G. P. (1962c), Patil, G. P. (1962d), Tsao, C. M. (1962), Patil, G. P. (1963a), Bardwell, G. E. and Crow, E. L. (1964), Nelson, W. C. and David, H. A. (1964), Shanfield, F. (1964), Crow, E. L. and Bardwell, G. E. (1965), Govindarajulu, Z. (1965), Kamat, A. R. (1965), Tweedie, M.C.K. (1965)
Class.: PS-P-NB-LS:m:G 1397

- NOETHER, G. E. (1957). Two confidence intervals for the ratio of two probabilities and some measures of effectiveness. J. Amer. Statist. Assoc. 52, 36-45.
Review: MR 19(1958), 74
Class.: B:ctp-1e:G 1398
- NOETHER, G. E. (1963). Note on the Kolmogorov statistic in the discrete case. (German summary). Metrika 7, 115-116.
Review: MR 28(1964), 338
Class.: 1399
- NOLFI, P. (1943). Wahrscheinlichkeit unstetiger Vorgänge bei kontinuierlich wirkenden Ursachen. Comment. Math. Helv. 15, 36-44.
Review: MR 6(1945), 5
Class.: 1400
- NOLFI, P. (1944). Zur bestimmung der rückschlusswahrscheinlichkeit einer geschlossenen gesamtheit. Mitt. Verein. Schweiz. Versich.-Math. 44, 217-220.
Review: MR 7(1946), 311
Class.: 1401
- NOLFI, P. (1945). Zur mathematischen Darstellung wachsender Gesamtheiten. Mitt. Verein. Schweiz. Versich.-Math. 45, 311-321.
Review: MR 7(1946), 311
Class.: 1402
- NORMAN, J. E. JR. and DAVID, H. A. (1965). See David, H. A. and Norman, J. E. Jr. (1965).
- NORRIS, NILAH (1959). Nominal confidence limits for the expectation of a Poisson variable. (summary). J. Amer. Statist. Assoc. 54, 502.
Class.: No classification 1403
- NUMATA, M. (1950). Plant community as a stochastic population. Biol. Sci. Tokyo 2, 108-116.
Users : Goodall, D. W. (1952)
Class.: 1404

- O -

- OAKLAND, G. B. (1950). An application of sequential analysis to whitefish sampling. Biometrics 6, 59-67.
Users : Bliss, C. I. and Fisher, R. A. (1953), Waters, W. E. (1955), Bliss, C. I. and Owen, A.R.G. (1958), Grimm, H. and Maly, V. (1961)
Class.: 1405
- O'CARROLL, F. M. (1962). Fitting a negative binomial distribution to coarsely grouped data by maximum likelihood. Appl. Statist. 11, 196-201.
Review: MR 27(1964), 403
Class.: NB:c:G 1406

- OCHOA, MERID J. (1962). Bounds of moments (Spanish). Actas 2.^a Reunion Mat. Espanoles (1961), pp. 53-55, Seminario Matematico de Zaragoza.
 Review:
 Class.: 1407
- OKAMOTO, M. (1955). Fit of a Poisson distribution by the index of dispersion. Osaka Math. J. 7, 7-13.
 Review: MR 17(1956), 53
 Class.: Psid:G 1408
- OKAMOTO, M. (1953). Some inequalities relating to the partial sum of binomial probabilities. Ann. Inst. Statist. Math. Tokyo 10, 29-35.
 Review: MR 20(1959), 1020
 Users: Blischke, W. R. (1962)
 Class.: B:osp:G 1409
- OKAMOTO, M. (1959). A convergence theorem for discrete probability distributions. Ann. Inst. Statist. Math. Tokyo 11, 107-112.
 Review: MR 22(1961), 47
 Class.: 1410
- OLIVER, R. M. (1961). A traffic counting distribution. Operations Res. 9, 802-810.
 Class.: MI:pc-mb:E 1411
- OLIVER, R. M. (1962). Distribution of gaps and blocks in a traffic system. Operations Res. 10, 197.
 Class.: 1412
- OLIVER, R. M. and BISBEE, E. F. (1962). Queuing for gaps in high flow traffic streams. Operations Res. 10, 105-114.
 Class.: 1413
- OLKIN, INGRAM and MARSHALL, ALBERT W. (1964). See Marshall, Albert, W. and Olkin, Ingram (1964).
- OLKIN, INGRAM and SOBEL, MILTON (1965). Integral expressions for tail probabilities of the multinomial and negative multinomial distributions. Biometrika 52, 167-179.
 Class.: M-NM:mi:G 1414
- OLKIN, INGRAM and TATE, R. F. (1960). See Tate, R. F. and Olkin, Ingram (1960).
- OLKIN, INGRAM and TATE, R. F. (1961). Multivariate correlation models with mixed discrete and continuous variables. Ann. Math. Statist. 32, 448-465.
 Review: MR 27(1964), 400
 Class.: M:nb-osp-pe:G 1415

- OLMSTEAD, P. S. (1940). Note on theoretical and observed distributions of repetitive occurrences. Ann. Math. Statist. 11, 363-366.
Class.: B:pe:G 1416
- OLMSTEAD, P. S. (1946). Distribution of sample arrangements for runs up and down. Ann. Math. Statist. 17, 24-33.
Users : Barton, D. E. and David, F. N. (1959c), Govindarajulu, Z. (1965)
Class.: MI:mb-tc:G 1417
- ORIAN, G. H. and LESLIE, P. H. (1958). A capture-recapture analysis of a shearwater population. J. Animal Ecol. 27, 71-86.
Class.: GBDP:m1:BM 1418
- ORTS, ARACIL J. M. (1943). On the behaviour of certain probabilities. Rev. Mat. Hisp.-Amer. 3(4), 157-163.
Review: MR 5(1944), 206
Class.: 1419
- OSBORNE, M. F. M. (1962). Periodic structure in the Brownian motion of stock prices. Operations Res. 10, 345-379.
Class.: 1420
- OSTROVSKII, I. V. (1963). Infinitely divisible laws with unbounded Poisson spectrum. (Russian). Dokl. Akad. Nauk SSSR 152, 1301-1304.
Class.: 1421
- OTTAVIANI, G. (1938). Su una Fondamentale Proprietà della leggi di Gauss e di Poisson. Gion. Inst. Ital. Attuari 16, 170-190.
Class.: 1422
- OTTAVIANI, G. (1957). Su una proprietà di un sistema di due variabili casuali seguenti la legge di Poisson, degli eventi rari. R. C. Accad. Lincei 23(8), 230-232.
Class.: 1423
- OTTESTAD, P. (1934). Letter to the editor. J. Conseil 9(2), 249-253.
Class.: 1424
- OTTESTAD, P. (1937). On some discontinuous frequency functions and frequency distributions. Skand. Aktuarietidskr. 20, 75-86.
Users : Tsao, C. M. (1962)
Class.: 1425
- OTTESTAD, P. (1939). On the use of the factorial moments in the study of discontinuous frequency distributions. Skand. Aktuarietidskr. 22, 22-31.
Review: MR 1(1940), 22
Class.: B-P-H:gf:G 1426
- OTTESTAD, P. (1943). On Bernoullian, Lexis, Poisson and Poisson-Lexis series. Skand. Aktuarietidskr. 26, 15-67.
Review: MR 7(1946), 211

- Users : Tsao, C. M. (1962)
Class.: B-COB-P-GBDP:m-osp:G 1427
- OTTESTAD, P. (1944). On certain compound frequency distributions. Skand. Aktuarietidskr. 27, 32-42.
Review: MR 7(1946), 211
Users : Teicher, H. (1960a), Tsao, C. M. (1962)
Class.: COB-COP:m-rp:G 1428
- OTTESTAD, P. (1952). On the analysis of variance of percentage fractions. Skand. Aktuarietidskr. 35, 152-159.
Class.: 1429
- OVERALL, JOHN E. and WILLIAMS, CLYDE M. (1961). Models for medical diagnosis. Behavioral Sci. 6, 134-141.
Class.: MI:mi:BM 1430
- OWEN, A. R. G. and BLISS, C. I. (1958). See Bliss, C. I. and Owen, A.R.G. (1958).
- OWEN, D. B. (1961). Distribution free tolerance limits for an additional finite sample as obtained from the hypergeometric distribution. Reprint SCR-285, Sandia Corp.
Class.: H:sgc:G 1431
- OWEN, D. B. (1962). Handbook of statistical tables. Addison-Wesley Publ. Co., Inc., Redding, Mass. - London.
Review: MR 28(1964), 894
Class.: No classification 1432
- OWEN, D. B. and LIEBERMAN, GERALD J. (1961). See Lieberman, Gerald, J. and Owen, D. B. (1961).
- OWEN, D. B., GILBERT, E. J., STECK, G. P. and YOUNG, D. A. (1959). A formula for determining sample size in hypergeometric sampling when zero defectives are observed in the sample. Tech. Memo. SCTM 178-59(51), Sandia Corp.
Users : Clark, C. R. and Koopmans, L. H. (1959)
Class.: H:ie-sgc-osp:E 1433
- OZAWA, M. and SIOTANI, M. (1958). See Siotani, M. and Ozawa, M. (1958).

- P -

- PACHARES, JAMES (1960). Tables of confidence limits for the binomial distribution. J. Amer. Statist. Assoc. 55, 521-533.
Review: PA 35(1961), Ab.No. 1485
Class.: B:ie-tc:G 1434
- PAGE, E. S. and ANSCOMBE, F. J. (1954). See Anscombe, F. J. and Page, E. S. (1954).

- PALM, C. (1936). Calcul exact de la perte dans les groupes de circuits échelonnés. Ericsson Technics 4, 41-71.
Class.: 1434
- PALM, C. (1937a). Inhomogeneous telephone traffic in full-availability groups. Ericsson Technics 5, 3-36.
Class.: 1435
- PALM, C. (1937b). Étude des délais d'attente. Ericsson Technics 5, 39-56.
Class.: 1436
- PALM, C. (1938). Analysis of the Erlang traffic formulae for busy-signal arrangements. Ericsson Technics 6, 39-58.
Class.: 1437
- PALM, C. (1947). The distribution of repairmen in servicing automatic machines. (Swedish). Industritidningar Norden 75, 75-80, 90-94, 119-123.
Users : Benson, F. and Cox, D. R. (1951)
Class.: 1438
- PANSE, V. G. and SUKHATME, P. V. (1943). See Sukhatme, P. V. and Panse, V. G. (1943).
- PARKER-RHODES, A. F. and JOYCE, T. (1956). A theory of word frequency distribution. Nature 178, 1308.
Users : Good, I. J. (1957b), Rider, P. R. (1965)
Class.: MI:mb:L 1439
- PATEL, I. R. and KHATRI, C. G. (1961). See Khatri, C. G. and Patel, I. R. (1961).
- PATEL, J. N. (1962). The relationships between discrete and continuous probability distributions. Master's Thesis, Virginia Polytechnic Inst.
Class.: No classification 1440
- PATHAK, P. K. (1964). On estimating the size of a population and its inverse by capture mark method. Sankhya 26, 75-80.
Class.: MI:pe:BM 1441
- PATIL, G. P. (1957). Problems of estimation in a class of discrete distributions. A.I.S.I. Thesis, Indian Statistical Inst.
Users : Patil, G. P. (1961b), Patil, G. P. (1962c), Patil, G. P. (1962e), Patil, G. P. (1963c), Patil, G. P. (1964b)
Class.: No classification 1442
- PATIL, G. P. (1959). Contributions to estimation in a class of discrete distributions. Ph. D. Thesis, Univ. Michigan.
Users : Patil, G. P. (1960c), Patil, G. P. (1961b), Patil, G. P. (1962b), Patil, G. P. (1962d), Patil, G. P. (1962e), Shanfield, F. (1964), Kamat, A. R. (1965), Rao, C. R. (1965)
Class.: No classification 1443

- PATIL, G. P. (1960a). Generalized power series distribution and certain characterization theorems. (Abstract). Ann. Math. Statist. 31, 240.
Users : Bardwell, G. E. (1961), Govindarajulu, Z. (1965)
Class.: No classification 1444
- PATIL, G. P. (1960b). On evaluation of negative binomial distribution function. (Abstract). Ann. Math. Statist. 31, 527.
Users : Bartko, J. J. (1961b),
Class.: No classification 1445
- PATIL, G. P. (1960c). On the evaluation of the negative binomial distribution with examples. Technometrics 2, 501-505.
Review: MR 22(1961), 1720
Users : Patil, G. P. and Cota, P. (1962), Patil, G. P. (1963c), Blischke, W. R. (1965)
Class.: NB:osp:G-E 1446
- PATIL, G. P. (1961a). On some methods of estimation for the logarithmic series distribution. (Abstract). Ann. Math. Statist. 32, 922.
Class.: No classification 1447
- PATIL, G. P. (1961b). Asymptotic bias and variance of ratio estimates in generalized power series distributions and certain applications. Sankhya 23A, 269-280.
Review: MR 25(1963), 139
Users : Patil, G. P. (1962a), Patil, G. P. (1962b), Patil, G. P. (1962c), Patil, G. P. (1962d), Patil, G. P. (1962e), Patil, G. P. (1963a), Nelson, W. C. and David, H. A. (1964), Patil, G. P. (1964b), Shanfield, F. (1964), Staff, P. J. (1964)
Class.: PS-TCB-TCP:pe:G 1448
- PATIL, G. P. (1962a). Certain properties of the generalized power series distribution. Ann. Inst. Statist. Math. Tokyo 14, 179-182.
Users : Patil, G. P. (1963a), Nelson, W. C. and David, H. A. (1964), Shanfield, F. (1964), Patil, G. P. (1965)
Class.: PS:m-osp:G 1449
- PATIL, G. P. (1962b). Some methods of estimation for the logarithmic series distribution. Biometrics 18, 68-75.
Review: MR 25(1963), 139
Users : Birch, M. W. (1963), Patil, G. P. (1963a), Nelson, W. C. and David, H. A. (1964), Williamson, E. and Bretherton, M. (1964), Bliss, C. (1965), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1965), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, C. (1966), Patil, G. P. and Wani, J. K. (1965)
Class.: LS:pe:G 1450
- PATIL, G. P. (1962c). On homogeneity and combined estimation for the generalized power series distribution and certain applications. Biometrics 18, 365-374.
Users : Patil, G. P. (1962a), Patil, G. P. (1963a), Nelson, W. C. and David, H. A. (1964), Shanfield, F. (1964)

- Class.: PS-TCB-NB:h-pe:G 1451
- PATIL, G. P. (1962d). Maximum likelihood estimation for generalized power series distributions and its application to a truncated binomial distribution. Biometrika 49, 227-238.
Users : Bardwell, G. E. and Crow, E. L. (1964), Nelson, W. C. and David, H. A. (1964), Shanfield, F. (1964), Staff, P. J. (1964), Crow, E.L. and Bardwell, G. E. (1965), Govindarajulu, Z. (1965), Patil, G. P. and Wani, J. K. (1965)
Class.: PS-TCB:pe-tc:G 1452
- PATIL, G. P. (1962e). Estimation by two-moments method for generalized power series distribution and certain applications. Sankhyā 24A, 201-214.
Users : Patil, G. P. (1962a), Patil, G. P. (1962d)
Class.: PS-TCB-TCP:pe:G 1453
- PATIL, G. P. (1963a). Minimum variance unbiased estimation and certain problems of additive number theory. Ann. Math. Statist. 34, 1050-1056.
Users : Shanfield, F. (1964), Harkness, W. L. (1965), Patil, G. P. (1965) Tweedie, M.C.K. (1965), Patil, G. P. (1966), Patil, G.P. and Shorrocks, R. (1966)
Class.: PS-P-B-NB-LS.pe:G 1454
- PATIL, G. P. (1963b). A characterization of the exponential-type distribution. Biometrika 50, 205-207.
Users : Patil, G. P. (1965)
Class.: P:osp:G 1455
- PATIL, G. P. (1963c). On the equivalence of the binomial and inverse binomial acceptance sampling plans and an acknowledgement. Technometrics 5, 119-121.
Class.: B-NB:sqc:E 1456
- PATIL, G. P. (1964a). A conjecture. Canad. Math. Bull. 7, 305-306.
Class.: 1457
- PATIL, G. P. (1964b). On certain compound Poisson and compound binomial distribution. Sankhyā 26, 293-294.
Users : Patil, G. P. and Bildikar, S. (1966a),
Class.: COP-COB:mi:G 1458
- PATIL, G. P. (1965a). Certain characteristic properties of multivariate discrete probability distributions akin to the Bates-Neyman model in the theory of accident proneness. (Abstract). Biometrics 21, 765.
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: No classification 1459
- PATIL, G. P. (1965b). Opening remarks. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 2-4.
Class.: No classification 1460

- PATIL, G. P. (1965c). On multivariate generalized power series distribution and its application to the multinomial and negative multinomial. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 183-194.
Class.: MPS-M-NM:m-osp-pe:G-TCP 1461
- PATIL, G. P. (1965d). A proposed bibliography on discrete distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 465-468.
Class.: No classification 1462
- PATIL, G. P. (1965e). A selected bibliography of statistical literature on classical and contagious discrete distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 469-552.
Class.: No classification 1463
- PATIL, G. P. (1965f). Classical and Contagious Discrete Distributions. Proc. of the International Symposium held at Montreal, 1963. Statistical Publishing Society, Calcutta and Pergamon Press. Ed. G. P. Patil.
Class.: No classification 1464
- PATIL, G. P. and BILDIKAR, SHEELA (1965). Identifiability of countable mixtures of discrete probability distributions using methods of infinite matrices. (Abstract). Biometrics 21, 765.
Class.: No classification 1465
- PATIL, G. P. and BILDIKAR, SHEELA (1966a). Certain studies on the multivariate logarithmic series distribution. Tech. Rep., Aerospace Res. Lab. Wright-Patterson Air Force Base, pp. 48.
Class.: 1466
- PATIL, G. P. and BILDIKAR, SHEELA (1966b). Identifiability of countable mixtures of discrete distributions. Tech. Rep., Aerospace Res. Lab., Wright-Patterson Air Force Base, pp. 49.
Class.: 1467
- PATIL, G. P. and BROWN, J. L. JR. (1966). See Brown, J. L. Jr. and Patil, G. P. (1966).
- PATIL, G. P. and COTA, P. (1962). On certain strategies of signal detection using clipper crosscorrelator. Tech. Rep. 128, 3674-1-T, Office Res. Admin., Univ. Michigan, pp. 37.
Class.: 1468
- PATIL, G. P. and SESHADRI, V. (1967a). A characterization of a bivariate distribution by the marginal and the conditional distributions of the same component. Ann. Inst. Statist. Math. Tokyo 15, 215-221.
Class.: M-P-B:osp:G 1469

- PATIL, G. P. and SESHADRI, V. (1964b). Characterization theorems for some univariate probability distributions. J. Roy. Statist. Soc. Ser. B 26, 286-292.
Review: MR 30(1965), 311
Class.: MI-P-B-G-NB-NH:osp:G 1470
- PATIL, G. P. and SHORROCK, RICHARD (1965). On certain properties of the exponential-type families. J. Roy. Statist. Soc. Ser. B 27, 94-99.
Class.: MI-B-P:osp:G 1471
- PATIL, G. P. and SHORROCK, RICHARD (1966). Stochastic and sampling processes for the logarithmic series distribution. Tech. Rep., Aerospace Res. Lab., Wright-Patterson Air Force Base, pp. 82.
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: 1472
- PATIL, G. P. and WANI, J. K. (1965). Maximum likelihood estimation for the complete and truncated logarithmic series distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 398-409.
Class.: LS:pe-tc:G 1473
- PATIL, G. P. and WANI, J. K. (1966). Minimum variance unbiased estimation of the distribution function admitting a sufficient statistic. Ann. Inst. Statist. Math. Tokyo 18, 39-47.
Class.: PS:pe:G 1474
- PATIL, S. A. (1962). The maximum likelihood estimation of the parameter of the truncated censored Poisson distribution. J. Indian Soc. Agric. Statist. 14, 177-187.
Review: MR 29(1965), 562
Class.: 1475
- PATNAIK, P. B. (1954-5). A test of significance of a difference between two sample proportions when the proportions are small. Sankhya 14, 187-202.
Review: MR 16(1955), 727
Class.: B-P:ctp:G 1476
- PAULSON, E. (1952). On the comparison of several experimental categories with a control. Ann. Math. Statist. 23, 239-246.
Review: MR 14(1953), 299
Users : Gupta, S. S., Huyett, M. J. and Sobel, M. (1957), Gupta, S. S. and Sobel, M. (1958), Gupta, S. S. (1965)
Class.: B:srp:G 1477
- PEACH, PAUL and LITTAUER, S. B. (1946). A note on sampling inspection. Ann. Math. Statist. 17, 81-84.

Hald, A. (1960), Hald, A. (1964), Hald, A. (1965)

Class.:

1478

PEARSON, E. S. (1950). On questions raised by the combination of tests based on discontinuous distributions. Biometrika 37, 383-398.

Users : Crow, E. L. (1956), Blyth, C. L. and Hutchinson, D.W.O. (1960), Lancaster, H. O. (1961), Mincaid, W. M. (1962), Ellner, H. (1963)

Class.: MI:mi G

Notes : Correction; Biometrika 38, 265.

1479

PEARSON, E. S. (1962). Frequency surfaces. Tech. Rep. 49, Princeton Univ.

Class.:

1480

PEARSON, E. S. and CLOPPER, C. J. (1934). See Clopper, C. J. and Pearson, E. S. (1934).

PEARSON, E. S. and HARTLEY, H. O. (1950). See Hartley, H. O. and Pearson, E. S. (1950).

PEARSON, E. S. and NEYMAN, J. (1932-33). See Neyman, J. and Pearson, E. S. (1932-33).

PEARSON, E. S., WYNN, A. H. A. and MAGUIRE, B. A. (1952). See Maguire, B. A., Pearson, E. S. and Wynn, A.H.A. (1952).

PEARSON, E. S., WYNN, A. H. A. and MAGUIRE, B. A. (1953). See Maguire, B. A., Pearson, E. S. and Wynn, A.H.A. (1953).

PEARSON, K. (1895). Contributions to the mathematical theory of evolution. II Skew variation in homogeneous material. Philos. Trans. Roy. Soc. London Ser. A 186, 343-414.

Users : Pearson, K. (1899), Pearson, K. (1906-7), Neyman, J. (1938)

Class.:

1481

PEARSON, K. (1899). On certain properties of the hypergeometrical series, and on the fitting of such series to observation polygons in the theory of chance. Philos. Mag. Ser 5 47, 236-246.

Users : Pearson, K. (1905-6), Pearson, K. (1906-7), Riordan, J. (1937)

Class.:

1482

PEARSON, K. (1905). Skew variation, a rejoinder. Biometrika 4, 169-212.

Users : Waters, W. E. and Hensen, W. R. (1959)

Class.: B-H:a-gf:G-BM

1.33

PEARSON, K. (1906-7). On the curves which are most suitable for describing the frequency of random samples of a population. Biometrika 5, 172-175.

Class.: B-H:a:G

1484

PEARSON, K. (1924a). On the moments of the hypergeometrical series. Biometrika 16, 157-162.

Users : Frisch, R. (1925), Ram, S. (1954), Ram, S. (1956)

Class.: H:m:G

1485

- PEARSON, K. (1924b). On a certain double hypergeometrical series and its representation by continuous frequency surfaces. Biometrika 16, 172-183.
Class.: BH:a:G 1486
- PEARSON, K. (1924c). Note on the relationship of the incomplete β -function to the sum of the first p terms of the binomial $(a+b)^n$. Biometrika 16, 202-203.
Users : Frisch, R. (1925), Scheffe, H. (1943-6), Katz, L. (1945), Govindarajulu, J. (1965)
Class.: B:mi:G 1487
- PEARSON, K. (1928). On a method of ascertaining limits to the actual number of marked members in a population of given size from a sample. Biometrika 20, 149-174.
Users : Davies, O. L. (1933)
Class.: H:mi:G 1488
- PEARSON, P. G. (1955). Population ecology of the spadefoot toad, *Scaphiopus h. holbrooki* (Harlan). Ecol. Monogr. 25, 233-267.
Class.: P:gf:TM 1489
- PENFOUND, W. T. and RICE, E. L. (1955). See Rice, E. L. and Penfound, W. T. (1955).
- PESSIN, VIVIAN (1961). Some asymptotic properties of the negative binomial distribution. (Abstract). Ann. Math. Statist. 32, 922.
Class.: No classification 1490
- PESSIN, VIVIAN (1962). A new derivative with applications to asymptotic limits of discrete probability distributions. Ph. D. Thesis. Univ. Buffalo.
Users : Pessin, Vivian (1965)
Class.: No classification 1491
- PESSIN, VIVIAN (1965). Some discrete distribution limit theorems using a new derivative. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 109-122.
Class.: NB:a:G 1492
- PETERSON, R. O., FITZPATRICK, R. and VASILAS, J. N. (1953). See Fitzpatrick, R., Vasilas, J. N. and Peterson, R. O. (1953).
- PETRO, S. (1953). A dose-response equation for the invasion of micro-organisms. Biometrics 9, 320-335.
Users : Armitage, P. and Spicer, C. C. (1956)
Class.: 1493
- PETERSON, R. L. (1955). A graphic method for estimating the significance of differences between proportions or percentages. Educ. Psychol. Measmt. 15, 186-194.
Review: PA 30(1956), Ab.No. 1912
Class.: 1494

- PETROV, V. V. (1957). A local theorem for lattice distributions. (Russian). Dokl. Akad. Nauk SSSR 115, 49-52.
Class.: 1495
- PETROV, V. V. (1962a). Local limit theorems for non-identical lattice distributions. Theor. Probability Appl. 7, 333-335.
Class.: MI:a:G 1496
- PETROV, V. V. (1962b). On a local limit theorem for non-identical lattice distributions. (Russian. English summary). Teor. Veroyatnost i Primenen 7, 344-346.
Class.: 1497
- PETZ, B. (1957). Statisticka analiza nesreca. (Statistical analysis of accidents). Arh. hig. rada. 8, 25-38.
Review: PA 33(1959), Ab.No. 2532
Class.: 1498
- PHATARFOD, R. M. (1963). Application of methods in sequential analysis to dam theory. Ann. Math. Statist. 34, 1588-1592.
Class.: COP-G:pc:G 1499
- PHILIP, U. and EVANS, D. A. (1964). See Evans, D. A. and Philip, U. (1964).
- PHILIPSON, CARL (1956). A note on different models of stochastic processes dealt with in the collective theory of risk. Skand. Aktuarietidskr. 39, 26-37.
Class.: 1500
- PHILIPSON, CARL (1957). On some distribution functions related to a specified class of stochastic processes. Trans. XVth Inter. Congress Actuaries 2, 1-13.
Class.: 1501
- PHILIPSON, CARL (1960a). Note on the application of compound Poisson processes to sickness and accident statistics. ASTIN Bull. 1, 224-237.
Class.: 1502
- PHILIPSON, CARL (1960b). The theory of confluent hypergeometric functions and its application to compound Poisson processes. Skand. Aktuarietidskr 43, 136-162.
Review: MR 24A(1962), 700
Class.: 1503
- PHILIPSON, CARL (1961a). On a class of distribution functions as applied to different stochastic processes. Skand. Aktuarietidskr. 44, 20-54.
Review: MR 28(1964), 895
Class.: 1504
- PHILIPSON, CARL (1961b). An extension of the models usually applied to the theory of risk. Skand. Aktuarietidskr. 44, 223-239.
Class.: 1505

- PHILIPSON, CARL (1962a). A generalization of the stochastic processes commonly applied to the theory of causality risk. Probability and intensity-functions of some compound Poisson processes. Bull. Inst. Internat. Statist. 39, 245-260.
Class.: 1506
- PHILIPSON, CARL (1962b). A note on moments of a Poisson probability distribution. Skand. Aktuarietidskr. 45, 243-244.
Class.: 1507
- PHILIPSON, CARL (1963a). Quelques processus applicables dans L'assurance et dans la biologie. Assoc. Roy. Actuaire Belges, Bull. 61, 51-65.
1508
- PHILIPSON, CARL (1963b). On Esscher transforms of distribution functions defining a compound Poisson process for large values of the parameter. Skand. Aktuarietidskr. 46, 226-236.
Class.: 1509
- PHILIPSON, CARL (1963c). On the difference between the concepts "compound" and "composed" Poisson processes. ASTIN Bull. 2, 445-451.
Class.: 1510
- PHILIPSON, CARL (1964). The transformed parameter of compound Poisson processes and the effect of an increase of that parameter. Trans. 17th Inter. Congress. Actuaries, 627-649.
Class.: 1511
- PHILIPSON, CARL (1965). A generalized model for the risk process and its application to a tentative evaluation of outstanding liabilities. ASTIN Bull. 2, 215-238.
Class.: 1512
- PHIPPS, P. H., BOULTER, E. A. and WESTWOOD, J. C. N. (1957). See Westwood, J.C.N., Phipps, P. H. and Boulter, E. A. (1957).
- PIELOU, E. C. (1957). The effect of quadrat size on the estimation of the parameters of Neyman's and Thomas' distributions. J. Ecol. 45, 31-47.
Class.: N-T:pe-gf:BM 1513
- PIELOU, E. C. (1960). A single mechanism to account for regular, random and aggregated populations. J. Ecol. 48, 575-584.
Class.: MI-P:mb-cm-gf:BM 1514
- PIELOU, E. C. (1962). Runs of one species with respect to another in transects through plant populations. Biometrics 18, 579-593.
Users : Pielou, E. C. (1963b), Pielou, E. C. (1965)
Class.: G-COG-GG:mb-gf:BM 1515

- PIELOU, E. C. (1963a). The distribution of diseased trees with respect to healthy ones in a patchily infected forest. Biometrics 19, 450-459.
Users : Pielou, E. C. (1963b), Pielou, E. C. (1965)
Class.: GB:pe-gf:BM 1516
- PIELOU, E. C. (1963b). Runs of healthy and diseased trees in transects through an infected forest. Biometrics 19, 603-614.
Users : Pielou, E. C. (1965)
Class.: G:mb-gf:BM 1517
- PIELOU, E. C. (1965). The concept of segregation pattern in ecology: some discrete distributions applicable to the run lengths of plants in narrow transects. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 410-418.
Class.: CONB-G:mb:BM 1518
- PIELOU, E. C. and FOSTER, R. E. (1962). A test to compare the incidence of disease in isolated and crowded trees. Canad. J. Bot. 40, 1176-1179.
Users : Pielou, E. C. (1963a), Pielou, E. C. (1965)
Class.: B:h:BM 1519
- PILLOUS, D. P. (1960). Contagious distribution in the European red mite *Panonychus ulmi* (koch), and a method of grading population densities from a count of mite-free leaves. Canad. J. Zool. 38, 645-653.
Class.: 1520
- PIERCE, J. A. (1943). Correction formulas for moments of a grouped-distribution of discrete variates. J. Amer. Statist. Assoc. 38, 57-62.
Class.: MI:m:G 1521
- PILLAI, K. S. (1943). A note on Poisson distribution. Proc. Indian Acad. Sci. Sect. A 18, 179-189.
Review: MR 5(1944), 128; SA 47A(1944), Ab.No. 807
Class.: P:pe:G 1522
- PILLAI, K.C.S. (1954). On the distribution of Hotelling's generalized T test. (Abstract). Ann. Math. Statist. 25, 412.
Class.: No classification 1523
- PIMENTEL, DAVID (1961). The influence of plant spatial patterns on insect populations. Ann. Ent. Soc. Amer. 54, 61-69.
Class.: 1524
- PLACKETT, R. L. (1948). Boundaries of minimum size in binomial sampling. Ann. Math. Statist. 19, 575-580.
Review: MR 10(1949), 313
Users : Wasan, M. T. (1964), Wasan, M. T. (1965)
Class.: B:tp-se:G 1525

- PLACKETT, R. L. (1953). The truncated Poisson distribution. Biometrics 9, 485-488.
 Review: MR 15(1954), 543
 Users : Moore, P. G. (1954a), Finney, D. J. and Varley, G. C. (1955), Moore, P. G. (1956b), Roy, J. and Mitra, S. K. (1957), Brass, W. (1958), Tate, R. F. and Goen, R. L. (1958), Cohen, A. C. (1959e), Patil, G. P. (1959), Cohen, A. C. (1960b), Cohen, A. C. (1960d), Cohen, A. C. (1960e), Cohen, A. C. (1961a), Patil, G. P. (1961b), Cacoullos, J. T. (1962), Patil, G. P. (1962b), Patil, G. P. (1962e), Staff, P. J. (1964), Subrahmaniam, K. (1965), Tweedie, M.C.K. (1965)
 Class.: TCP:pe:G 1526
- PLESZCZYNSKA, E. (1963). Some generation methods of realizing a Poisson process. (Polish). Algorytmy 1, 31-42.
 Class.: 1527
- POISSON, S. D. (1837). Recherches sur la probabilité des jugements en matières criminelles. Paris.
 Class.: 1528
- POLLACZEK-GEIRINGER, H. (1928a). Die Charlier'sche Entwicklung willkürlicher Verteilungen. Skand. Aktuarietidskr. 11, 98-111.
 Class.: 1529
- POLLACZEK-GEIRINGER, H. (1928b). Über die Poissonsche Verteilung und die Entwicklung willkürlicher Verteilungen. Z. Angew. Math. Mech. 8, 292-309.
 Users : Janossy, L., Renyi, A. and Aczel, J. (1950)
 Class.: 1530
- POLLAK, H. O. and GILBERT, E. N. (1957). See Gilbert, E. N. and Pollak, H. O. (1957).
- POLYA, G. (1931). Sur quelques points de la theorie des probabilités. Ann. Inst. H. Poincaré 1, 117-162.
 Users : Neyman, J. (1939), Beall, G. (1940), Kitagawa, T. (1940), Cole, L. C. (1946), Cole, L. C. (1946a), Ashby, E. (1948), Barnes, H. and Marshall, S. M. (1951), Johnson, N. L. (1951), Rutherford, R.S.G. (1954), McGuire, J. Brindley, T. A. and Bancroft, T. A. (1957), Gurland, J. (1959), Jensen, P. (1959), Waters, W. E. and Hensen, W. R. (1959), Darwin, J. H. (1960), Likas, E. (1960), Lord, F. M. (1960), Martin, L. (1961), Cassie, R. M. (1962), Mosimann, J. E. (1962), Kitagawa, T. (1965)
 Class.: 1531
- POLYA, G. and EGGENBERGER, F. (1923). See Eggenberger, F. and Polya, G. (1923).
- PORCELLI, P. and ANSELONE, P. M. (1960). See Anselone, P. M. and Porcelli, P. (1960).
- POST, R. F. and SCHIFF, L. I. (1950). Statistical limitations on the resolving time of a scintillation counter. Phys. Rev. 80(2), 1113.
 Review: MR 12(1951), 727
 Class.: 1532

- PCTI, S. J. (1955). Measures of over-all efficiency of sample multinomial tables. Bull. Calcutta Statist. Assoc. 6, 102-112.
Review: MR 17(1956), 1101
Users: Patil, G. P. and Bildikar, S. (1966a)
Class.: M:mi:G 1533
- POTTER, R. G. JR. (1960). Some relationships between short range and long range risks of unwanted pregnancy. Milbank Memorial Fund Quart. 38, 255-263.
Class.: OBR:ie:BM 1534
- POTTER, R. G. JR. (1961). Some physical correlates of fertility control in the United States. Proc. Conf. Inter. Population Union,
Class.: 1535
- POTTER, R. G. JR., SAGI, PHILIP C. and WESTOFF, CHARLES F. (1962). Improvement of contraception during the course of marriage. Population Studies 16, 160-174.
Class.: M1:mi:BM 1536
- POTTS, R. B. (1964). Note on the factorial moments of standard distributions. Austral. J. Phys. 6, 498-499.
Class.: B-P-PO-H:mi:G 1537
- PRABHU, N. U. and GANI, J. (1959). See Gani, J. and Prabhu, N. U. (1959).
- PRASAD, A. (1956). A new discrete distribution. Sankhya 17, 353-354.
Users: Bardwell, G. E. (1961)
Class.: MI:osp:G 1538
- PRATT, JOHN W. (1961). Length of confidence intervals. J. Amer. Statist. Assoc. 56, 549-567.
Class.: B:ie-tp:G 1539
- PREKOPA, A. (1953). On composed Poisson distributions. IV. Remarks on the theory of differential processes. (Russian summary). Acta. Math. Acad. Sci. Hungar. 3, 317-325.
Review: MR 14(1953), 993
Users: Prekopa, A. (1957a)
Class.: COP:pc-osp:G
Notes: Hungarian version: Magy. Tud. Akad. III Mat. Fiz. Oszt. Kozl. 4, 505-512; Review: MR 16(1955), 723. 1540
- PREKOPA, A. (1957a). On Poisson and compound Poisson stochastic set functions. Studia Math. 16, 142-155.
Class.: P-COP:mi-osp:G 1541
- PREKOPA, A. (1957b). On the compound Poisson distribution. Acta Sci. Math. (Szeged) 18, 23-28.
Class.: COP:pc:G 1542

PRESSMAN, A. J., BERLJAND, O. S. and NAZAROV, I. M. (1962). See Berljang, O. S., Nazarov, I. M. and Pressman, A. J. (1962).

PRESTON, F. W. (1948a). The cowbird (*M. Ater*) and the Cuckoo (*C. Canorus*).
Ecology 29, 115-116.
Class.: P:gf:BM 1543

PRESTON, F. W. (1948b). The commonness, and rarity, of species. Ecology 29, 254-283.
Users : Archibald, E.E.A. (1949a), Anscombe, F. J. (1950a), Curtis, J. and McIntosh, R. (1950), Brian, M. V. (1953), Good, I. J. (1953b), Williams, C. B. (1953), Lewontin, R. C. and Prout, T. (1956), Barton, D. E. (1957), Hairston, N. G. (1959), Cassie, R. M. (1962), Clark, P. J., Eckstrom, P. T. and Linden, L. C. (1964), Nelson, W. C. and David, H. A. (1964), Bliss, C. I. (1965), Patil, G. P. and Bildikar, S. (1966a), Patil, G. P. and Shorrocks, R. W. (1966)
Class.: LS-P-MI:gf:BM 1544

PRESTON, F. W. (1956). The migrant loons of western Pennsylvania. Auk 73, 235-251.
Class.: P:mi:O 1545

PRICE, G. B. (1946). Distributions derived from the multinomial expansion. Amer. Math. Monthly 53, 59-74.
Review: MR 7(1946), 309
Users : Tsao, C. M. (1962), Laurent, A. G. (1965)
Class.: M-OMR:gf-tp-osp-mi:G 1546

PRINS, H. J. (1954). Prüfmethode und Anwendungen der Poisson-Verteilung. Math. Centrum Amsterdam Rap. ZW 1954-005.
Class.: 1547

PRINS, H. J. and DOORNBOS, R. (1958). See Doornbos, R. and Prins, H. J. (1958).

PRINS, H. J. and KLERK-GROBBEN, G. (1954). See Klerk-Grobbs, G. and Prins, H. J. (1954).

PRINS, H. J. and VAN KLINKEN, J. (1954). See Van Klinken, J. and Prins, H. J. (1954).

PROKHOROV, YU. V. (1953). Asymptotic behaviour of the binomial distribution. Uspehi Mat. Nauk N.S. 8, 135-142.
Review: MR 15(1954), 138
Users : LeCam, L. (1960), Makabe, H. (1962), Govindarajulu, Z. (1965)
Class.:
Notes : English translation; Selected Translations in Math. Statist and Prob. 1, 87-95 (1961). 1548

PROKHOROV, YU. V. (1954). On a local limit theorem for lattice distributions. (Russian). Dokl. Akad. Nauk SSSR 98, 535-538.
Users : Klimo, V. N. (1957), Govindarajulu, Z. (1965)
Class.: 1549

- PROKHOROV, YU. V. (1961). Asymptotic behavior of the binomial distribution. Math. Statist. and Prob. 2, 87-95.
Review: MR 22(1961), 1225
Class.: 1550
- PROSCHAN, FRANK and KARLIN, SAMUEL (1960). See Karlin, Samuel and Proschan, Frank (1960).
- PROUT, TIMOTHY and LEWONTIN, R. C. (1956). See Lewontin, R. C. and Prout, Timothy (1956).
- PRUESS, K. P. and WEAVER, C. R. (1959). Sampling studies of the clover root borer. Res. Bull. 827, Ohio Agric. Expt. Stn., Ohio.
Users : Hayman, B. I. and Lowe, A. D. (1961)
Class.: NB-N-T:gf-anovat-tc:BM 1551
- PRZYBOROWSKI, J. and WILENSKI, H. (1935). Statistical principles of routine work in testing clover seed for dodder. Biometrika 27, 273-292.
Users : Garwood, F. (1936), Ricker, W. E. (1937), Rietz, H. L. (1938), Przyborowski, J. and Wilenski, H. (1939)
Class.: P:ie-tp-gf:BM 1552
- PRZYBOROWSKI, J. and WILENSKI, H. (1935a). Sur les erreurs de la première et de la seconde catégorie dans la vérification des hypothèses concernant la loi de Poisson. C. R. Acad. Sci. Paris 200, 1460-1462.
Class.: 1553
- PRZYBOROWSKI, J. and WILENSKI, H. (1939). Homogeneity of results in testing samples from Poisson series. Biometrika 31, 313-323.
Users : Lancaster, H. O. (1952), Patnaik, P. B. (1954)
Class.: P:ctp:BM 1554
- PURI, P. S., BUHLER, W., FEIN, H., GOLDSMITH, D. and NEYMAN, J. (1965). See Buhler, W., Fein, H., Goldsmith, D., Neyman, J. and Puri, P. S. (1965).
- PUTNAM, L. G. and SHKLOV, N. (1956). Observations on the distribution of grasshopper egg-pods in western Canadian stubble fields. Canad. Ent. 88, 110-117.
Users : Bliss, C. I. (1958)
Class.: NB:gf:BM 1555
- PUTTER, JOSEPH (1964). The χ^2 goodness-of-fit test for a class of cases of dependent observations. Biometrika 51, 250-252.
Class.: 1556
- PWR APPARATUS SYSTEM. Tables of binomial probability distribution to six decimal places. No. 1, 597-620.
Review: SA 56A(1953), Ab.No. 4
Class.: B:tc:G 1557

PYKE, RONALD (1959). The supremum and infimum of the Poisson process. Ann. Math. Statist. 30, 568-576.

Class.:

1558

PYKE, RONALD and HOBBY, CHARLES (1963). See Hobby, Charles and Pyke, Ronald (1963).

- Q -

QUENOUILLE, M. H. (1949). A relation between the logarithmic, Poisson, and negative binomial series. Biometrics 5, 162-164.

Review: MR 19(1949), 722

Users : Anscombe, F. J. (1950a), Skellam, J. G. (1952), Bliss, C. I. and Fisher, R. A. (1953), David, F. N. and Moore, P. G. (1954), Gurland, J. (1957), Patil, G. P. (1959), Waters, W. E. and Hensen, W. R. (1959), Bartko, J. J. (1961b), Tsao, C. M. (1962), Williamson, E. and Bretherton, M. (1964), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1966)

Class.: LS-P-NB:osp:G

1559

QUENOUILLE, M. H. and HUNTER, G. C. (1952). See Hunter, G. C. and Quenouille, M. H. (1952).

QUENOUILLE, M. H., JONES, P. C. T. and MOLLISON, J. E. (1948). See Jones, P.C.T., Mollison, J. E. and Quenouille, M. H. (1948).

QUESENBERRY, CHARLES P. (1959). Asymptotic simultaneous confidence intervals for the probabilities of a multinomial distribution. Master's Thesis, Virginia Polytechnic Inst.

Users : Patil, G. P. and Bildikar, S. (1966a)

Class.: No classification

1560

QUESENBERRY, CHARLES P. (1964). Controlling the proportion defective from classification data. Technometrics 6, 99-100.

Class.:

1561

QUESENBERRY, CHARLES P. and HURST, D. C. (1964). Large sample simultaneous confidence intervals for multinomial proportions. Technometrics 6, 191-195.

Class.: M:ie:G

1562

QUAY, W. B. (1953). Seasonal and sexual differences in the dorsal skin gland of the kangaroo rat (*Dipodomys*). J. Mammalogy 34, 1-14.

Class.:

1563

- R -

RACTLIFFE, J. F. (1964). The significance of the difference between two Poisson variables: An experimental investigation. Appl. Statist. 13, 84-86.

Class.:

1564

- RAFF, M. S. (1956). On approximating the point binomial. J. Amer. Statist. Assoc. 51, 293-303.
Review: MR 18(1957), 160
Users : Mackinnon, W. J. (1959)
Class.: M-P:tc:G 1565
- RAIKOV, D. (1937). On the decomposition of Poisson laws. C. R. (Doklady) Acad. Sci. URSS N.S. 14, 9-11.
Users : Teicher, H. (1954), Linnik, Y. V. (1957), Ramachandran, B. (1961a)
Class.: 1566
- RAIKOV, D. A. (1938). On the decomposition of Gauss and Poisson laws. Izv. Akad. Nauk SSSR Ser. Mat. 2, 91-124.
Users : Linnik, Y.V. (1957)
Class.: 1567
- RAJSKI, C. (1961). A metric space of discrete probability distributions. Information and Control 4, 371-377.
Class.: MI:mi:G 1568
- RAM, S. (1954). A note on the calculation of moments of the two-dimensional hypergeometric distribution. Ganita 5, 97-101.
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: MH:m:G 1569
- RAM, S. (1955). Multidimensional hypergeometric distribution. Sankhyā 15, 291-398.
Review: MR 17(1956), 753
Users : Ram, S. (1956), Patil, G. P. and Bildikar, S. (1966a)
Class.: MH:m:G 1570
- RAM, S. (1956). On the calculation of moments of hypergeometric distribution. Ganita 7, 1-5.
Class.: MH:m:G 1571
- RAMABHADHAN, V. K. (1954). A statistical study of the persistency of rain days during the monsoon season at Poona. Indian J. Meteo. Geo. 5, 48-55.
Users : Srinivasan, T. R. (1956), Siromoney, G. (1962), Tikkha, R. N. (1962), Patil, G. P. and Bildikar, S. (1966a)
Class.: LS:gf:F 1572
- RAMACHANDRAN, B. (1960). On the decomposition of certain characteristic functions. (Abstract). Ann. Math. Statist. 31, 240.
Class.: No classification 1573
- RAMACHANDRAN, B. (1961a). On the decomposition of certain random variables. Publ. Inst. Statist. Univ. Paris 10, 1-7.
Class.: B-P:mi:G 1574

- RAMCHANDRAN, B. (1961b). On the decomposition of certain random variables. Publ. Inst. Statist. Univ. Paris 10, 267-273. R.
 Review: MR 27(1964), 166-167
 Class.: B-P:mi:G 1575
- RAMACHANDRAN, B. (1963). A stability theorem for the binomial law. Sankhyā 25A, 85-90. R
 Class.: B:mi:G 1576
- RAMACHANDRAN, B. (1964). Application of a theorem of Mamay's to a "Denumerable decomposition" of the Poisson law. Publ. Inst. Statist. Univ. Paris 13, 13-19. R
 Class.: P:mi:G 1577
- RAMAKRISHNAN, A. (1951). Some simple stochastic processes. J. Roy. Statist. Soc. Ser. B 13, 131-140. R
 Class.: NB-OPR-MI:pc:G 1578
- RAMAKRISHNAN, A. and SRINIVASAN, S. K. (1958). On age distribution in population growth. Bull. Math. Biophys. 20(4), 289-303. R
 Review: BA 33(1959), Ab.No. 16433
 Class.: 1579
- RAMAKRISHNAN, A. and VASUDEVAN, R. (1957). On the distribution of visible stars. Astrophys. J. 126, 573-578. R
 Class.: MI:mb:P 1580
- RAMASUBBAN, T. A. (1958). The mean difference and the mean deviation of some discontinuous distributions. Biometrika 45, 549-556. R
 Users: Ramasubban, T. A. (1959), Bardwell, G. E. (1960), Katta, S. K. (1960), Ramasubban, T. A. (1960), Bardwell, G. E. (1961), Kamat, A. R. (1965)
 Class.: B-F-LS-G-H-NB:mi:G 1581
- RAMASUBBAN, T. A. (1959). The generalized mean differences of the binomial and Poisson distributions. Biometrika 46, 223-229. R
 Users: Ramasubban, T. A. (1960), Kamat, A. R. (1965)
 Class.: B-P:mi:G 1582
- RAMASUBBAN, T. A. (1960). Some distributions arising in the study of generalized mean differences. Biometrika 47, 469-473. R
 Users: Shanfield, F. (1964), Kamat, A. R. (1965)
 Class.: OBR-OPR-G:mi:G 1583
- RAO, B. RAJA (1959). Properties of the invariant I' (m-odd) for distributions admitting sufficient statistics. Sankhyā 21, 355-362. R
 Review: MR 22(1961), 182
 Class.: B-P:osp:G 1584

- RAO, C. R. (1957). Maximum likelihood estimation for multinomial distribution. Sankhya 18, 139-148.
Review: MR 21(1960), 727
Users : Rao, C. R. (1958), Patil, G. P. and Bildikar, S. (1966a)
Class.: M:pe:G 1585
- RAO, C. R. (1958). Maximum likelihood estimation for the multinomial distribution with a finite number of cells. Sankhya 20, 211-218.
Review: MR 21(1960), 1128
Users : Birch, M. W. (1964), Patil, G. P. and Bildikar, S. (1966a)
Class.: M:pe:G 1586
- RAO, C. R. (1961). A study of large sample test criteria through properties of efficient estimates. Part I: Tests for goodness of fit and contingency tables. Sankhya 23A, 25-40.
Class.: M:gf-tp:G 1587
- RAO, C. R. (1965). On discrete distributions arising out of methods of ascertainment. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 320-332.
Class.: PS-COB-P-NE-LS:osp-pe:G 1588
- RAO, C. R. and CHAKRAVARTI, I. M. (1956). Some small sample tests of significance for a Poisson distribution. Biometrics 12, 264-282.
Review: MR 18(1957), 425
Users : Good, I. J. (1957a), Chakravarti, I. M. and Rao, C. R. (1959), Rao, C. R. (1961), Tweedie, M.C.K. (1965)
Class.: P-TLP-B:h-gf-tc:G 1589
- RAO, C. R. and CHAKRAVARTI, I. M. (1959). See Chakravarti, I. M. and Rao, C. R. (1959).
- RAO, C. R. and RUBIN, HERMAN (1964). On a characterization of the Poisson distribution. Sankhya 26,
Class.: 1590
- RAO, V. R. (1964). A characterization of the geometric distribution. (Abstract). Ann. Math. Statist. 35, 1841.
Class.: No classification 1591
- RAPOPORT, A. (1951). The probability distribution of distinct hits on closely packed targets. Bull. Math. Biophys. 13, 133-138.
Users : Sprott, D. A. (1957)
Class.: MI:mb:G 1592
- RAPOPORT, A. (1958). Nets with reciprocity bias. Bull. Math. Biophys. 20, 191-201.
Review: BA 33(1959), Ab.No. 8643
Class.: 1593

- RASCH, G. (1964). On a class of discontinuous distributions related to the Jacobian theta functions. Tech. Rep.. State Serum Inst., Copenhagen.
Class.: MI:mb-a:G 1594
- RAY, D. and IYER, P. V. K. (1958). See Iyer, P. V. K. and Ray, D. (1958).
- RAY, S. N. (1963). Bayes sequential procedures for some binomial problems. (Abstract). Ann. Math. Statist. 34, 684.
Class.: No classification 1595
- RAYLEIGHT, LORD (1899). On James Bernoulli's theorem in probabilities. Philos. Mag. Ser. 5 47, 246-251.
Class.: 1596
- READ, R. R. (1956). A probabilistic model describing drop count data for certain closed chamber experiments. (Abstract). Ann. Math. Statist. 27, 862.
Class.: No classification 1597
- REDHEFFER, R. M. (1951). A note on the surprise index. Ann. Math. Statist. 22, 128-130.
Class.: MI-P-B:mi:G 1598
- REDHEFFER, R. M. (1953). A note on the Poisson law. Math. Mag. 26, 185-188.
Review: MR 14(1953), 1098
Users: Meizler, D. (1965)
Class.: P:mi:G 1599
- REGAN, FRANCIS and COPELAND, ARTHUR H. (1936). See Copeland, Arthur H. and Regan, Francis (1936).
- REICHENBACK, HANS and HAIGHT, F. A. (1965). See Haight, Frank A. and Reichenback, Hans (1965).
- REID, D. B. W. and GRAINGER, R. M. (1954). See Grainger, R. M. and Reid, D.B.W. (1954).
- REID, D. B. W., CRAWLEY, J. F. and RHODES, A. J. (1949). A study of fowl pox virus titration on the chorioallantois by the pock counting technique. J. Immunology 63, 165-171.
Class.: 1600
- REID, R. W. (1957). The bark beetle complex associated with lodgepole pine slash in Alberta. Part IV. Distribution, population densities, and effects of several environmental factors. Canad. Ent. 89, 437-447.
Users: Waters, W. E. and Hensen, W. R. (1959)
Class.: 1601

- REIERSOL, O. (1954a). Tests of linear hypotheses concerning binomial experiments. Skand. Aktuarietidskr. 37, 38-59.
Review: MR 16(1955), 605
Class.: 1602
- REIERSOL, O. (1954b). Analysis of binomial experiments. Memo., Inst. Econ., Univ. Oslo, September 24, 1954, pp. 41.
Class.: 1603
- RENYI, A. (1951a). On composed Poisson distributions. II. (English. Russian summary). Acta. Math. Acad. Sci. Hungar. 2, 83-98.
Review: MR 13(1952), 663
Users: Aczel, J. (1952), Prekopa, A. (1952), Fisz, M. (1953a), Prekopa, A. (1957a)
Class.: COP:pc-osp:G 1604
- RENYI, A. (1951b). Poisson-eloszlás problémákról. (On problems connected with Poisson distribution.) (Hungarian). Magyar. Tud. Akad. Mat. Fiz. Oszt. Kozl. 1, 202-212.
Review: MR 13(1952), 958
Class.: 1605
- RENYI, A. (1951). On some problems concerning Poisson processes. Publ. Math. 2, 66-73.
Class.: 1606
- RENYI, A. (1952). On projections of probability distributions. Acta. Math. Acad. Sci. Hungar. 3, 131-142.
Review: MR 14(1953), 771
Users: Heppes, A. (1956)
Class.: MI:mi:G
Notes: Hungarian version (1953): Valószínűségelosztások vetületeiről. Magyar Tud. Akad. Mat. Fiz. Oszt. Kozl. 3, 60-69. 1607
- RENYI, A. (1956). A characterization of Poisson processes. (Hungarian). Magyar Tud. Akad. Mat. Kutató Int. Közl. 1, 519-527.
Class.: 1608
- RENYI, A. (1958). On the probabilistic generalization of the large sieve of Linnik. (English. Hungarian and Russian summaries). Magyar Tud. Akad. Mat. Kutató Int. Közl. 3, 199-206.
Review: MR 22(1961), 346
Class.: 1609
- RENYI, A. (1964). On an extremal property of the Poisson process. Ann. Inst. Statist. Math. Tokyo 16, 129-133.
Class.: 1610
- RENYI, A., ACZEL, J. and JANOSSY, L. (1950). See Janossy, L., Renyi, A. and Aczel, J. (1950).

- RESCIA, R. R. and BEALL, G. (1953). See Beall, G. and Rescia, R. R. (1953).
- RESTLE, FRANK (1961). Statistical methods for a theory of learning. Psychometrika 26, 291-306.
Class.: 1611
- REZA, F. M. (1959). An introduction to probability theory discrete schemes. Tech. Note RADC-TN-59-129, Rome Air Develop. Center, Air Res. and Develop. Command, U.S.A.F., N. Y.
Class.: 1612
- RHODES, A. J., REID, D. B. W. and CRAWLEY, J. F. (1949). See Reid, D.B.W., Crawley, J. F. and Rhodes, A. J. (1949).
- RHOADES, B. E. (1961). Some special series. Math. Mag. 34, 165-167.
Class.: MI:mi:G 1613
- RICE, E. L. and PENFOUND, W. T. (1955). An evaluation of the variable-radius and paired-tree methods in the blackjack-post oak forest. Ecology 36, 315-320.
Class.: P:gf:BM 1614
- RICHARDSON, L. F. (1944). The distribution of wars in time. J. Roy. Statist. Soc. Ser. A 107, 242-250.
Class.: 1615
- RICHTER, WOLFGANG (1964a). Multidimensional limit theorems for large deviations and their application to the χ^2 distribution. Theor. Probability Appl. 9, 1616
Class.: 1616
- RICHTER, WOLFGANG (1964b). Mehrdimensionale Grenzwertsätze für grosse Abweichungen und ihre Anwendung auf die Verteilung von χ^2 . (Russian summary). Teor. Veroyatnost i Primenen 9, 31-42.
Class.: MI:a-gf:G 1617
- RICKER, WILLIAM E. (1937). The concept of confidence or fiducial limits applied to the Poisson frequency distribution. J. Amer. Statist. Assoc. 32, 349-356.
Users : Rietz, H. L. (1938), Robertson, O. H. (1947), MacLulich, D. A. (1951), Young, H., Neess, J. and Emlen, J. T. (1952), Birnbaum, A. (1954b), Walsh, J. E. (1954), Geiss, A. D. (1955), Kozicky, E. L., Jessen, R. J. and Hendrickson, G. O. (1956), Kutkuhn, J. H. (1958)
Class.: P:ie:G 1618
- RICKER, W. E. (1938). On adequate quantitative sampling of the pelagic net plankton of a lake. J. Fisheries Res. Board Canad. 4, 19-32.
Class.: 1619
- RIDDELL, W. J. B. (1944). The relation between the number of speakers and the number of contributions to the transactions of the ophthalmological society of the United Kingdom between 1887 and 1890. Ann. Eugenics 12, 274-279.
Users : Nelson, W. C. and David, H. A. (1964)
Class.: 1620

- RIDER, P. R. (1950). The distribution of ranges from a discrete rectangular population. Proc. Int. Congr. Math. Camb., Mass. 1, 583.
Class.: MI:mi:G 1621
- RIDER, P. R. (1952). Truncated Poisson distributions. (Abstract). Ann. Math. Statist. 23, 638.
Class.: No classification 1622
- RIDER, P. R. (1953). Truncated Poisson distributions. J. Amer. Statist. Assoc. 48, 826-830.
Review: MR 15(1954), 544
Users : Cohen, A. C. (1954), Moore, P. G. (1954a), Finney, D. J. and Varley, G. C. (1955), Rider, P. R. (1955b), Moore, P. G. (1956b), Roy, J. and Mitra, S. K. (1957), Tate, R. F. and Goen, R. L. (1958), Cohen, A. C. (1959e), Patil, G. P. (1959), Cohen, A. C. (1960b), Cohen, A. C. (1960d), Cohen, A. C. (1960e), Bardwell, G. E. (1961), Cohen, A. C. (1961a), Patil, G. P. (1961b), Cacoullos, T. (1962), Hughes, E. J. (1962), Patil, G. P. (1962e)
Class.: TCP:pe:G 1623
- RIDER, P. R. (1955a). Truncated binomial and negative binomial distributions. (Abstract). Ann. Math. Statist. 26, 774.
Class.: No classification 1624
- RIDER, P. R. (1955b). Truncated binomial and negative binomial distributions. J. Amer. Statist. Assoc. 50, 877-883.
Review: MR 17(1956), 169
Users : Clark, F. E. (1957), Patil, G. P. (1959), Patil, G. P. (1961b), Shad, S. M. (1961), Hughes, E. J. (1962), Patil, G. P. (1962e), Rider, P. R. (1962b)
Class.: TCB-TCNB:pe:G 1625
Notes : Corrigenda; J. Amer. Statist. Assoc. 50, 1332.
- RIDER, P. R. (1961). Estimating the parameters of mixed Poisson, binomial and Weibull distributions. Bull. Inst. Internat. Statist. 38, 1-8.
Class.: 1626
- RIDER, P. R. (1962). Estimating the parameters of mixed Poisson, binomial and Weibull distributions. Bull. Inst. Internat. Statist. 39, 225-232.
Users : Blischke, W. R. (1964)
Class.: 1627
- RIDER, P. R. (1962a). The negative binomial distribution and the incomplete beta function. Amer. Math. Monthly 69, 302-324.
Class.: NB:mi:G 1628
- RIDER, P. R. (1962b). Expected values and standard deviations of the reciprocal of a variable from a decapitated negative binomial distribution. J. Amer. Statist. Assoc. 57, 439-445.
Users : Govindarajulu, Z. (1962b), Govindarajulu, Z. (1962e)
Class.: TCNB:m-tc:G 1629

- RIDER, P. R. (1965). The zeta distribution. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 443-444.
Class.: MI:mi:G 1630
- RIETZ, H. L. (1938). On a recent advance in statistical inference. Amer. Math. Monthly 45, 149-158.
Class.: B:ie:G 1631
- RIORDAN, JOHN (1937). Moment recurrence relations for binomial, Poisson and hypergeometric frequency distributions. Ann. Math. Statist. 8, 103-111.
Class.: B-P-H:m:G 1632
- RIORDAN, JOHN (1962). Enumeration of linear graphs for mappings of finite sets. Ann. Math. Statist. 33, 178-185.
Users : Gould, H. W. (1963)
Class.: B:mi:G 1633
- RISSE, RENE (1945). Sur le mode de tirages contagieux. C. R. Acad. Sci. Paris 220, 210-212.
Review: MR 7(1946), 128
Class.: PO:a:G 1634
- ROBBINS, H. (1948). Mixture of distributions. Ann. Math. Statist. 19, 360-369.
Users : Teicher, H. (1960a), Daniels, H. E. (1961), Blischke, W. R. (1962), Blischke, W. R. (1965), Patil, G. P. and Bildikar, S. (1966a)
Class.: MI:mi:G 1635
- ROBBINS, H. (1961). Recurrent games and the Petersburg paradox. Ann. Math. Statist. 32, 187-194.
Class.: MI:mi:G 1636
- ROBBINS, H. (1964). The empirical Bayes approach to statistical decision problems. Ann. Math. Statist. 35, 1-20.
Class.: P:pe:G 1637
- ROBBINS, H. and MORIGNTI, S. (1962). See Morignti, S. and Robbins, H. (1962).
- ROBERTS, H. R., MCCALL, C. H. JR. and THOMAS, R. E. (1958). Some statistical considerations for small sample evaluation in triangular taste tests. Food Res. 23, 388-395.
Review: PA 33(1959), Ab.No. 5128
Class.: M-B:tp:O 1638
- ROBERTSON, A. (1951). The analysis of heterogeneity in the binomial distribution. Ann. Eugenics 16, 1-15.
Review: MR 13(1952), 260; PA 26(1952), Ab.No. 2520
Users : Edwards, A.W.F. (1958)
Class.: COB:pe-h:BM 1639

- ROBERTSON, O. H. (1947). An ecological study of two high mountain trout lakes in the Wind River Range, Wyoming. Ecology 28, 87-112.
Class.: P:pe:BM 1640
- ROBERTSON, W. H. (1960a). Tables of the binomial distribution function for small values of p . Monograph SCR-143, Sandia Corp.
Class.: 1641
- ROBERTSON, W. H. (1960b). Programming Fisher's exact method of comparing two percentages. Technometrics 2, 103-107.
Review: MR 22(1961), 183; PA 35(1961), Ab.No. 1489
Class.: B:ctp-c:G 1642
- ROBINSON, H. F. and COMSTOCK, R. E. (1952). See Comstock, R. E. and Robinson, H. F. (1952).
- ROBINSON, P. (1954). The distribution of plant populations. Ann. Bot. Lond., N.S. 18, 35-45.
Users : David, F. N. and Moore, P. G. (1954), David, F. N. (1955a), Robinson, P. (1955), Kemp, C. D. and Kemp, A. W. (1956a)
Class.: 1643
- ROBINSON, P. (1955). The estimation of ground cover by the point quadrat method. Ann. Bot. Lond., N. S. 19, 59-66.
Class.: 1644
- ROBSON, D. S. (1955). Admissible and minimax integer-valued estimators of an integer-valued parameter. PH. D. Thesis, Cornell Univ.
Class.: No classification 1645
- ROBSON, D. S. (1958). Admissible and minimax integer-valued estimators of an integer-valued parameter. Ann. Math. Statist. 29, 801-812.
Class.: MI-B:pe:G 1646
- ROBSON, D. S. (1960). An unbiased sampling and estimation procedure for creel censuses of fishermen. Biometrics 16, 261-277.
Users : Robson, D. S. (1961)
Class.: 1647
- ROBSON, D. S. (1961). On the statistical theory of a roving creel census of fishermen. Biometrics 17, 415-437.
Class.: 1648
- ROBSON, D. S. and CHAPMAN, D. G. (1960). See Chapman, D. G. and Robson, D. S. (1960).
- ROBY, N. (1959). Sur certains processus remarquables generalisant les processus de Poisson. C. R. Acad. Sci. Paris 248, 2945-2947.
Class.: 1649
- ROBY, N. and FUCHS, A. (1960). See Fuchs, A. and Roby, N. (1960).

- RODGERS, ERIC (1940). Probable error for Poisson distributions. Phys. Rev. 57, 735-737.
 Review: MR 1(1940), 246
 Users : Govindarajulu, Z. (1965)
 Class.: 1650
- ROESSLER, E. B., BAKER, G. A. and AMERINE, M. A. (1954). See Baker, G. A., Amerine, M. A. and Roessler, E. B. (1954).
- ROESSLER, E. B. BAKER, G. A. and AMERINE, M. A. (1956). One-tailed and two-tailed tests in organoleptic comparisons. Food. Res. 21, 117-121.
 Users : Baker, G. A., Amerine, M. A., Roessler, E. B. and Filipello, F. (1960)
 Class.: B:tp-tc:O 1651
- ROESSLER, E. B., FILIPELLO, F., BAKER, G. A. and AMERINE, M. A. (1960). See Baker, G. A., Amerine, M. A. Roessler, E. B. and Filipello, F. (1960).
- ROGERS, A. (1964). A stochastic analysis of intraurban retail spatial structure. PH. D. Thesis, Univ. North Carolina.
 Class.: No classification 1652
- ROGERS, A. (1965). A stochastic analysis of the spatial clustering of retail establishments. J. Amer. Statist. Assoc. 60, 1094-1103.
 Class.: P-NB-N-T:gf:S 1653
- ROGERS, E. (1940). Probable error for Poisson distributions. Phys. Rev. 57, 735-737.
 Class.: 1654
- ROMANI, J. (1956). Distribucion de la suma algebraica de variables de Poisson. (Spanish.English summary). Trabajos Estadist. 7, 175-181.
 Review: MR 18(1957), 521
 Users : Shanfield, F. (1964)
 Class.: 1655
- ROMANOVSKY, V. (1923). Note on the moments of a binomial $(p + q)^n$ about its mean. Biometrika 15, 410-412.
 Users : Riordan, J. (1937), Haldane, J.B.S. (1939), Curtiss, J. H. (1941), Patil, G. P. (1959), Bardwell, G. E. (1961)
 Class.: B:m:G 1656
- ROMANOVSKY, V. (1925). On the moments of the hypergeometrical series. Biometrika 17, 57-60.
 Users : Ram, S. (1954), Ram, S. (1956).
 Class.: H:m:G 1657
- ROMANOVSKII, V. I. (1952a). A comparison of hypergeometric, Bernoulli, and Poisson probabilities. (Russian). Dokl. Akad. Nauk. Uzbek. SSR. __, 1658
 Class.:

- ROMANOVSKII, V. I. (1952b). On the dual theorem of the hypergeometric distribution. (Russian). Dokl. Akad. Nauk Uzbek. SSR.
Class.: 1659
- ROMANOVSKII, V. I. (1953). Duality theorems for the hypergeometric distribution. (Russian). Trudy Inst. Mat. Mekh., Akad. Nauk Uzbek. SSR 11, 22-28.
Class.: 1660
- ROMIG, HARRY G. (1953). 50 - 100 binomial tables. John Wiley and Sons, N.Y.
Review: BA 29(1955), Ab.No. 222
Class.: No classification 1661
- ROSENBLATT, ALFRED (1940a). Sur les theoremes des petits nombres de Poisson, de Bortkiewicz et G. Polya. Application aux phenomenes rares. I. Propagation des maladies contagieuses: peste bubonique au Bresil. Actas Acad. Ci. Lima 3, 160-167.
Review: MR 4(1943), 28
Class.: 1662
- ROSENBLATT, ALFRED (1940b). Sur le concept de contagion de M. G. Polya dans le calcul des probabilites. Divers schemes. Application a la peste bubonique au Perou. Actas Acad. Ci. Lima 3, 186-204.
Review: MR 3(1942), 2
Users: Feller, W. (1943)
Class.: 1663
- ROSENBLATT, M. and BLUM, J. R. (1959). See Blum, J. R. and Rosenblatt, M. (1959).
- ROTHSCHILD, LORD, CAMPBELL, R. C. and HANCOCK, J. L. (1953). See Campbell, R. C., Hancock, J. L. and Rothschild, Lord (1953).
- ROTT, N. (1946). Ueber wahrscheinlichkeitsprobleme der Garnfestigkeitsprüfung. Schweiz. Arch. Angew. Wiss. Tech. 12, 93-95.
Review: MR 7(1946), 457
Class.: 1664
- ROY, J. and MITRA, SUJIT KUMAR (1957). Unbiased minimum variance estimation in a class of discrete distributions. Sankhya 18, 371-378.
Review: MR 19(1958), 1096
Users: Patil, G. P. (1961b), Patil, G. P. (1962a), Patil, G. P. (1962c), Nelson, W. C. and David, H. A. (1964), Shanfield, D. F. (1964), Crow, E.L. and Bardwell, G. E. (1965), Tweedie, M.C.K. (1965)
Class.: PS-NB-TCP:pe:G 1665
- RUARK, A. and DEVOL, L. (1936). A general theory of fluctuations in radioactive disintegration. Phys. Rev. 49, 355-367.
Class.: 1666
- RUBIN, H. and RAO, C. R. (1964). See Rao, C. R. and Rubin, H. (1964).

- RUBIN, H., SITGREAVES, R. and GIRSHICK, M. A. (1955). See Girshick, M. A.
Rubin, H. and Sitgreaves, R. (1955).
- RUDEMO, M. (1964). Dimension and entropy for a class of stochastic processes.
Publ. Math. Inst. Hungar. Acad. Sci. 9, 73-88.
Class.: 1667
- RUSSELL, A. M. and JOSEPHSON, N. S. (1965). Measurement of area by counting.
J. Appl. Prob. 2, 339-351.
Class.: 1668
- RUTHERFORD, C. & E. (1920). Radiations from radioactive substances. Cambridge
Univ. Press.
Class.: No classification 1669
- RUTHERFORD, R. S. G. (1954). On a contagious distribution. Ann. Math. Statist.
25, 703-713.
Review: MR 19(1958), 585
Class.: OBR:mb-osp-a-gf:G 1670
- RUTLEDGE, GEORGE and DOUGLASS, R. D. (1936). Integral functions associated
with certain binomial coefficient sums. Amer. Math. Monthly 43, 27-32.
Class.: B:mi:G 1671
- RYLL-NARDZEWSKI, C. (1953). On the non-homogeneous Poisson process. (I).
Studia Math. 14, 124-128.
Users: Prekopa, A. (1957a)
Class.: 1672
- RYLL-NARDZEWSKI, C. (1954). Remarks on the Poisson stochastic process. (III).
Studia Math. 14, 314-318.
Users: Prekopa, A. (1957a)
Class.: 1673
- RYLL-NARDZEWSKI, C. (1955). On the non-homogeneous Poisson processes. Colloq.
Math. 3, 192-193.
Class.: 1674
- RYLL-NARDZEWSKI, C., FLOREK, K. and MARCZEWSKI, E. (1953). See Florek, K.,
Marczewski, E. and Ryll-Nardzewski, C. (1953).

- S -

- SAGI, PHILIP C., WESTOFF, CHARLES F. and POTTER, ROBERT G. JR. (1962). See
Potter, Robert G. Jr., Sagi, Philip C. and Westoff, Charles F. (1962).
- SAITO, K. (1956). Maximum-likelihood estimate of proportion using supple-
mentary information. Bull. Math. Statist. 7(1-2), 11-17.
Review: MR 19(1958), 472
Class.: B:pe:G 1675

- SAKODA, J. M. and COHEN, B. H. (1957). Exact possibilities for contingency tables using binomial coefficients. Psychometrika 22, 83-86.
Review: MR 19(1958), 73
Class.: 1676
- SALAEVSKII, O. V. (1959). Stability in Raikov's theorem. Vestnik Leningrad. Univ. 14(7), 41-49.
Review: MR 21(1960), 828
Class.: 1677
- SALEH, A. K. MD. E. and SUBRAHMANYAM, K. (1965). See Subrahmaniam, K. and Saleh, A.k.Md.E. (1965).
- SALEMF, ERNESTO and CERNUSCHI, FELIX (1944). See Cernuschi, Felix, and Saleme, Ernesto (1944).
- SALMON, S. C. (1930). The point binomial formula for evaluating agronomic experiments. J. Amer. Soc. Agron. 22, 77-81.
Review: BA 8(1934), Ab.No. 12924
Class.: 1678
- SALVEMINI, T. (1958). Distribution de L'étendue d'échantillons obtenus par des tirages en bloc d'un ensemble de nombres equidistribues. Bull. Inst. Internat. Statist. 36(3), 71-78.
Review: MR 21(1960), 1730
Class.: 1679
- SAMPFORD, M. R. (1955). The truncated negative binomial distribution. Biometrika 42, 58-69.
Users: Finney, D. J. and Varley, G. C. (1955), Bliss, C. I. (1958), Brass, W. (1958a), Harris, E. K. (1958), Hartley, H. O. (1958), Cohen, A. C. (1959d), Patil, G. P. (1959), Bartko, J. J. (1961b), Cohen, A. C. (1961c), Hughes, E. J. (1962), Khatri, C. G. (1962d), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1965), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1966)
Class.: TCNB:m-pe-gf:G 1680
- SAMUEL, E. (1963). An empirical Bayes approach to the testing of certain parametric hypotheses. Ann. Math. Statist. 34, 1370-1385.
Users: Robbins, H. (1964)
Class.: P-G-NB-B:tp:G 1681
- SAMUELS, STEPHEN M. (1964). The modal number of successes in independent trials. (Abstract). Ann. Math. Statist. 35, 1841.
Class.: No classification 1682
- SAMUELS, STEPHEN M. (1965). On the number of successes in independent trials. Ann. Math. Statist. 36, 1272-1278.
Class.: GBDP:osp:G 1683

- SANDELIUS, D. M. (1950). A truncated sequential procedure for interval estimation, with applications to the Poisson and negative binomial distributions. (Preliminary report.) (Abstract). Ann. Math. Statist. 21, 314.
Class.: No classification 1684
- SANDELIUS, D. M. (1962). A simple randomization procedure. J. Roy. Statist. Soc. Ser. B 21, 472-481.
Class.: MI:mi:G 1685
- SANDELIUS, MARTIN (1950). An inverse sampling procedure for bacterial plate counts. Biometrics 6, 291-292.
Users : Sandelius, M. (1951a), Chapman, D. G. (1952b), Sandelius, M. (1952b), Nadler, J. (1960), Knight, W. (1965)
Class.: P:pe-ie:BM 1686
- SANDELIUS, MARTIN (1951a). Inverse sampling applied to bacterial plate counts. I. Unrestricted and truncated sampling in the Poisson case. Kungl. Lantbrukshögskolans Annaler 18, 86-94.
Users : Sandelius, M. (1951c)
Class.: P:pe-ie:BM 1687
- SANDELIUS, MARTIN (1951b). Unbiased estimation based on inverse hypergeometric sampling. Kungl. Lantbrukshögskolans Annaler 18, 123-127.
Review: BA 27(1953), Ab.No. 8573
Users : Bennett, B. M. (1957a)
Class.: H-IH:pe:G 1688
- SANDELIUS, MARTIN (1951c). Truncated inverse binomial sampling. Skand. Aktuarietidskr. 34, 41-44.
Review: MR 14(1953), 665
Class.: B-NB:pe:G 1689
- SANDELIUS, MARTIN (1952a). Confidence interval for the smallest proportion of a binomial population. J. Roy. Statist. Soc. Ser. B 14, 115-116.
Review: MR 14(1953), 488
Class.: B:ie:G 1690
- SANDELIUS, MARTIN (1952b). Inverse sampling applied to bacterial plate counts. II. Cases when technical errors cannot be neglected. Kungl. Lantbrukshögskolans Annaler 19, 197-204.
Class.: P:pe-ie:BM 1691
- SANDELIUS, MARTIN (1961). On an optimal search procedure. Amer. Math. Monthly 68, 133-134.
Class.: MI:mi:G 1692
- SANDIFORD, PETER J. (1960). A new binomial approximation for use in sampling from finite populations. J. Amer. Statist. Assoc. 55, 718-722.
Users : Govindarajulu, Z. (1965)
Class.: H-B:a:G 1693

SANKARANARAYANAN, G. (1958). Some asymptotic properties of Poisson processes. Tohoku Math. J. 10, 60-68.

Class.:

1694

SAPOGOV, N. A. (1951). The stability problem for a theorem of Cramer. Izv. Akad. Nauk SSSR Ser. Mat. 15, 205-218.

Users : Ramachandran, B. (1961a), Ramachandran, B. (1963)

Class.:

1695

SARKADI, K. (1953a). A selejtarány Bayes-féle valószínűségi határaitra vonatkozó dualitási elvről. (On the "duality law" concerning the Bayes' probability limit of the fraction defective.) (Hungarian. English and Russian summaries). Magyar Tud. Akad. Alkalm. Mat. Int. Közl. 2, 275-286.

Users : Steinhous, H. and Zubrzycki, S. (1957)

Class.:

1696

SARKADI, K. (1953b). A selejtarány a priori bételoszlásáról. (On the a priori beta distribution of fraction defective.) (Hungarian. English and Russian summaries). Magyar Tud. Akad. Alkalm. Mat. Int. Közl. 2, 287-298.

Users : Sarkadi, K. (1957a)

Class.:

1697

SARKADI, K. (1957a). On the distribution of the number of exceedances. Ann. Math. Statist. 28, 1021-1023.

Users : Sarkadi, K. (1957b), Sarkadi, K. (1960)

Class. : MI:osp:G

1698

SARKADI, K. (1957b). Generalized hypergeometric distributions. (English. Hungarian and Russian summaries). Magyar Tud. Akad. Mat. Kutató Int. Közl. 2, 59-69.

Review: MR 20(1959), 1018

Users : Sarkadi, K. (1960)

Class.:

1699

SARKADI, K. (1960). On the median of the distribution of exceedances. Ann. Math. Statist. 31, 225-226.

Class. : MI:mi:G

1700

SARMANOV, O. V. (1956). Necessary and sufficient conditions of existence of a discrete limit law for Markov chains with two states. (Russian). Dokl. Akad. Nauk SSSR 110, 735-738.

Class.:

1701

SARNDAL, CARL-ERIK (1964). A unified derivation of some nonparametric distributions. J. Amer. Statist. Assoc. 59, 1042-1053.

Users : Sarndal, Carl-Erik (1965)

Class.:

1702

- SARNDAL, CARL-ERIK (1965). Derivation of a class of frequency distributions via Bayes's theorem. J. Roy. Statist. Soc. Ser. B 27, 290-300.
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: MHR-NB-P-M:mb-osp:G 1703
- SASTRY, M. P. (1962). On some stochastic models. Ph. D. Thesis, Andhra Univ. India.
Class.: No classification 1704
- SATHE, Y. S. and NARAYANA, T. V. (1961). See Narayana, T. V. and Sathe, Y. S. (1961).
- SATTERTHWAITE, F. E. (1942a). Generalized Poisson distribution. Ann. Math. Statist. 13, 410-417.
Review: MR 4(1943), 163
Users : Feller, W. (1943), Janossy, L., Renyi, A. and Aczel, J. (1950), Gurland, J. (1957), Tsao, C. M. (1962), Blischke, W. R. (1965)
Class.: GP-COP:m-osp-gf:G-A 1705
- SATTERTHWAITE, F. E. (1942b). Generalized Poisson distribution. (Abstract). Ann. Math. Statist. 13, 451.
Class.: No classification 1706
- SATTERTHWAITE, F. E. (1956). Comparison of two fractions defective. Industrial Quality Control 13(5), 17-18.
Class.: B:sqc:E 1707
- SATTERTHWAITE, F. E. (1957). Binomial and Poisson confidence limits. Industrial Quality Control 13(11), 56-59.
Class.: B-P:ie:G 1708
- SAVAGE, I. R. (1962). Contributions to the theory of rank order statistics: applications of lattice theory. Tech. Rep. 15, Dept. Statist., Univ. Minnesota, pp. 20.
Class.: MI:os:G 1709
- SAVAGE, I. R. and GRAB, E. L. (1954). See Grab, E. L. and Savage, I. R. (1954).
- SAVAGE, L. J. (1947). A uniqueness theorem for unbiased sequential binomial estimation. Ann. Math. Statist. 18, 295-297.
Review: MR 9(1948), 152
Users : deGroot, M. H. (1959), Wasan, M. T. (1965)
Class.: B:se:G 1710
- SAVKEVITCH, V. (1940). Sur le schéma des urnes à composition variable. C. R. (Doklady) Acad. Sci. URSS N.S. 28, 8-12.
Review: MR 2(1941), 229
Class.: 1711
- SAWKINS, D. T. (1947). A new method of approximating the binomial and hypergeometric probabilities. J. Proc. Roy. Soc. New South Wales 81, 38-47.

- Review: MR 9(1948), 193
Class.: B-H:a:G 1712
- SCHAEFER, M. B. and BISHOP, Y. M. M. (1958). Particulate iron in offshore waters of the Panama Bight and in the Gulf of Panama. Limnology and Oceanography 3, 137-149.
Class.: 1713
- SCHAFER, R. E. (1964). Bayesian, operating characteristic curves for reliability and quality sampling plans. Industrial Quality Control 21, 118-122.
Class.: 1714
- SCHEFFE, HENRY (1943-46). Note on the use of the tables of percentage points of the incomplete beta function to calculate small sample confidence intervals for a binomial p. Biometrika 33, 181.
Users : Sandelius, M. (1951c).
Class.: B:ie-c:G 1715
- SCHIFF, L. I. and POST, R. F. (1950). See Post, R. F. and Schiff, L. I. (1950).
- SCHILLING, WALTER (1947). A frequency distribution represented as the sum of two Poisson distributions. J. Amer. Statist. Assoc. 42, 407-424.
Users : Dandekar, V. M. (1955), Blischke, W. R. (1965)
Class.: P:pe-gf:BM-P 1716
- SCHMETTERER, L. (1952). Über ein Beispiel aus der Statistik. Z. Angew. Math. Mech. 32, 281-284.
Review: MR 14(1953), 391
Class.: 1717
- SCHMID, PAUL (1958). On the Kolmogorov and Smirnov limit theorems for discontinuous distribution functions. Ann. Math. Statist. 29, 1011-1027.
Class.: MI:a:G 1718
- SCHMIDT, E. (1933). Über die Charlier-Jordansche Entwicklung einer willkürlichen Funktion nach der Poissonschen Funktion und ihren Ableitungen. Z. Angew. Math. Mech. 13, 139-142.
Class.: 1719
- SCHNABEL, ZOE E. (1938). The estimation of the total fish population of a lake. Amer. Math. Monthly 45, 348-352.
Users : Bailey, N.T.J. (1951), Bailey, N.T.J. (1952), Chapman, D. G. (1952b), Wohlschlag, D. E. (1952), Young, H., Neess, J. and Emlen, J. T. (1952), Chapman, D. G. (1954), Wohlschlag, D. E. (1954), Geiss, A. D. (1955), Jenkins, R. M. (1955)
Class.: B-P:pe:O 1720
- SCHNEIDERMAN, M. and BRECHER, G. (1950). The relative frequency of sparse cell elements - an application of reticulocyte blood counts. Biometrics 6, 390-394.
Class.: P:pe:BM 1721

- SCHODERBEK, J. J. (1962). Some weapon system survival probability models. II. Random time between firings. Operations Res. 10, 168-179.
Class.: 1722
- SCHOENBERG, I. J. (1951). On Polya frequency functions. I. The totally positive functions and their Laplace transforms. J. Analyse Math. 1, 331-374.
Users : Karlin, S., and Proschan, F. (1960), Efron, B. (1965)
Class.: MI:mi:G 1723
- SCHREK, R. and LIPSON, H. I. (1941). Logarithmic frequency distributions. Hum. Biol. 13, 1-22.
Review: PA 16(1942), Ab.No. 865; BA 15(1941), Ab.No. 10050
Class.: 1724
- SCHUHL, A. and GERLOUGH, D. L. (1955). See Gerlough, D. L. and Schuhl, A. (1955).
- SCHULTZ, VINCENT (1961). An annotated bibliography on the uses of statistics in ecology - a search of 31 periodicals. Office Tech. Information, U. S. Atomic Energy Comm., pp. 315.
Class.: No classification 1725
- SCHULTZ, V. and BYRD, M. A. (1957). An analysis of covariance of cottontail rabbit population data. J. Wildlife Managem. 21, 315-319.
Class.: 1726
- SCHWARTZ, MISCHA (1956). A coincidence procedure for signal detection. IRE Transactions IT-2, 135-139.
Class.: B:mi:E 1727
- SCHWARZ, A. (1955). Zur Theorie seltener Ereignisse; alte Zufallsverteilungen in neuem Licht. Rev. Suisse Econ. Polit. Statist. 92, 175-182.
Class.: 1728
- SCHWARZ, GIDEON (1962). Asymptotic shapes of Bayes sequential testing regions. Ann. Math. Statist. 33, 224-236.
Users : Lindley, D. V. and Barnett, B. (1965)
Class.: B-P-G:tp:G 1729
- SCOTT, A. D. (1951). Bibliography of applications of mathematical statistics to economics. J. Roy. Statist. Soc. Ser. A 114, 372-393.
Class.: No classification
Notes : Also; J. Roy. Statist. Soc. Ser. A 116, 177-185. 1730
- SCOTT, A. D. (1953). Bibliography of applications of mathematical statistics to economics. J. Roy. Statist. Soc. Ser. A 116, 177-185.
Class.: No classification
Notes : Also; J. Roy. Statist. Soc. Ser. A 114, 372-393. 1731

- SCOTT, E. L. (1965). Subclustering. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 33-44.
Class.: MI:mb:P 1732
- SCOTT, E. L. and NEYMAN, J. (1952). See Neyman, J. and Scott, E. L. (1952).
- SCOTT, E. L. and NEYMAN, J. (1953). See Neyman, J. and Scott, E. L. (1953).
- SCOTT, E. L. and NEYMAN, J. (1954). See Neyman, J. and Scott, E. L. (1954).
- SCOTT, E. L. and NEYMAN, J. (1957). See Neyman, J. and Scott, E. L. (1957).
- SCOTT, E. L. and NEYMAN, J. (1959). See Neyman, J. and Scott, E. L. (1959).
- SCOTT, E. L. and NEYMAN, J. (1960). See Neyman, J. and Scott, E. L. (1960).
- SCOTT, E. L. and NEYMAN, J. (1962). See Neyman, J. and Scott, E. L. (1962).
- SCOTT, E. L., SHANE, C. D. and NEYMAN, J. (1956). See Neyman, J., Scott, E. L. and Shane, C. D. (1956).
- SCRASE F. J. (1935). The sampling errors of the Aitken nucleus counter. Quart. J. Roy. Meteor. Soc. 61, 367-379.
Users : Moore, P. G. (1954a), Duker, S. (1955), Moore, P. G. (1956b), Glasser, G. J. (1962b)
Class.: 1733
- SEAL, H. L. (1947). A probability distribution of deaths at age x when policies are counted instead of lives. Skand. Aktuarietidskr. 30, 18-43.
Review: MR 9(1948), 96
Users : Seal, H. L. (1949), Seal, H. L. (1953), Rider, P. R. (1965)
Class.: OMR-P-MI:mb-gf:S 1734
- SEAL, H. L. (1949). Mortality data and the binomial probability law. Skand. Aktuarietidskr. 32, 188-216.
Review: MR 11(1950), 449
Class.: B:gf:S 1735
- SEAL, H. L. (1952). The maximum likelihood fitting of the discrete Pareto Law. J. Inst. Actuar. 78, 115-121.
Class.: MI:pe-gf:S 1736
- SEAL, H. L. (1953). The maximum likelihood fitting of the discrete Pareto law. Skand. Aktuarietidskr. 36, 115. 121.
Users : Rider, P. R. (1965)
Class.: MI:pe-gf:S 1737
- SEEGRIST, D. W. (1964). Some results of fitting various distributions by means of an IBM 1620. (Abstract). Biometrics 20, 906.
Class.: No classification 1738

- SEGUINOT, J. and BIZARD, G. (1954). See Bizard, G. and Seguinot, J. (1954).
- SEN, P. K. (1960). On the estimation of the population size by capture-recapture method. Bull. Calcutta Statist. Assoc. 9, 93-110.
Review: MR 22(1961), 859
Class.: 1739
- SESHADRI, V. (1964a). A characterization of the logarithmic and geometric distributions. (Abstract). Ann. Math. Statist. 35, 1841.
Class.: No classification 1740
- SESHADRI, V. and PATIL, G. P. (1964). See Patil, G. P. and Seshadri, V. (1964).
- SETTE, O. E. and AHLSTROM, E. H. (1947). Estimations of abundance of the eggs of the Pacific pilchard (*Sardinops caerulea*) off southern California during 1940 and 1941. J. Marine Res. 7, 511-542.
Class.: 1741
- SEVAST'YANOV, B. A. (1957). An ergodic theorem for Markov processes and its application to telephone systems with refusals. (Russian). Teor. Veroyatnost. i Primenen. 2, 106-116.
Class.: 1742
- SHAH, S. M. (1961). The asymptotic variances of method of moments estimates of the parameters of the truncated binomial and negative binomial distributions. J. Amer. Statist. Assoc. 56, 990-994.
Class.: TCB-TCNB:pe:G 1743
- SHANE, C. D., NEYMAN, J. and SCOTT, E. L. (1956). See Neyman, J., Scott, E. L. and Shane, C. D. (1956).
- SHANFIELD, FLORENCE (1964). Positive and negative integral valued random variables. Master's Thesis, McGill Univ.
Class.: No classification 1744
- SHANKS, R. E. (1953). Forest composition and species association in the beech-maple forest region of western Ohio. Ecology 34, 455-466.
Class.: MI:h:EM 1745
- SHANNON, S. (1942). Comparative aspects of the point binomial polygon and its associated normal curve of error. Record Amer. Inst. Actuar. 31, 208-226.
Review: MR 4(1943), 279
Class.: B:a:G 1746
- SHAPIRO, J. M. (1955). Error estimates for certain probability limit theorems. Ann. Math. Statist. 26, 617-630.
Users: Govin Arajulu, Z. (1965)
Class.: 1747

- SHAPIRO, J. M. (1958). Sums of powers of independent random variables. Ann. Math. Statist. 29, 515-522.
Users : Govindarajulu, Z. (1965)
Class.: P:pc-osp:G 1748
- SHAPIRO, J. M. (1960). Sums of small powers of independent random variables. Ann. Math. Statist. 31, 222-224.
Class.: 1749
- SHAW, H. W. (1936). Poisson probability summation. Junior Inst. Eng. J. 46, 479-498.
Review: SA 39B(1936), Ab.No. 2819
Class.: 1750
- SHCHEGLOVA, M. V., BOL'SHEV, L. N. and GLADKOV, B. V. (1961). See Bol'shev, L. N., Gladkov, B. V. and Shcheglova, M. V. (1961).
- SHENTON, L. R. (1949). On the efficiency of the method of moments and Neyman's type A distribution. Biometrika 36, 450-454.
Users : Anscombe, F. J. (1950a), Goodall, D. W. (1952), Thomson, G. W. (1952), Beall, G. and Rescia, R. R. (1953), Evans, D. E. (1953), Douglas, J. B. (1955), Spratt, D. A. (1958), Katti, S. K. (1960d), Katti, S. K. and Gurland, J. (1960b), Shumway, R. and Gurland, J. (1960a), Shumway, R. and Gurland, J. (1960b), Shumway, R. and Gurland, J. (1960c), Katti, S. K. and Gurland, J. (1961), Katti, S. K. and Gurland, J. (1962a), Katti, S. K. and Gurland, J. (1962b), Tsao, C. M. (1962), Blischke, W. R. (1965)
Class.: N:pe:G 1751
- SHENTON, L. R. (1950). Maximum likelihood and the efficiency of the method of moments. Biometrika 37, 111-116.
Users : Shenton, L. R. (1958), Gorin, H. T. (1961)
Class.: NH:pe:G 1752
- SHENTON, L. R. (1958). Moment estimators and maximum likelihood. Biometrika 45, 411-420.
Review: MR 20(1959), 1107
Users : Gorin, H. T. (1961), Shenton, L. R. and Wallington, P. A. (1962), Shenton, L. R. and Myers, R. (1965)
Class.: NB:pe:G 1753
- SHENTON, L. R. (1963). A note on bounds for the asymptotic sampling variance of the maximum likelihood estimator of a parameter in the negative binomial distribution. Ann. Inst. Statist. Math. Tokyo 15, 145-151.
Class.: NB:pe:G 1754
- SHENTON, L. R. and BOWMAN, K. (1963). Higher moments of a maximum-likelihood estimate. J. Roy. Statist. Soc. Ser. B 25, 305-317.
Users : Bowman, K. O. and Shenton, L. R. (1965a), Patil, G. P. and Wani, J. K. (1955), Shenton, L. R. and Myers, R. (1965),
Class.: MI:pe:G 1755

- SHENTON, L. R. and BOWMAN, K. O. (1965). See Bowman, K. O. and Shenton, L. R. (1965).
- SHENTON, L. R. and MYERS, R. (1965a). Comments on estimation for the negative binomial distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 241-262.
Class.: NB:pe:G 1756
- SHENTON, L. R. and MYERS, R. (1965b). Orthogonal statistics. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 445-458.
Class.: MI-NB:osp:G 1757
- SHENTON, L. R. and SKELLAM, J. G. (1957). See Skellam, J. G. and Shenton, L. R. (1957).
- SHENTON, L. R. and WALLINGTON, P. A. (1962). The bias of moment estimators with an application to the negative binomial distribution. Biometrika 49, 193-204.
Users: Shenton, L. R. (1963), Blischke, W. R. (1965), Bowman, K. O. and Shenton, L. R. (1965a), Shenton, L. R. and Myers, R. (1965)
Class.: NB:pe:G 1758
- SHEPHERD, B. B., LITTLEFORD, R. A. and NEWCOMBE, C. L. (1940). See Littleford, R. A., Newcombe, C. L. and Shepherd, B. B. (1940).
- SHIMIZU, RYOICHI, SIBUYO, MASA AKI, and YOSHIMURA, ISAO (1964). See Sibuyo, Masaaki, Yoshimura, Isao and Shimizu, Ryoichi (1964).
- SHIUE, C-J. and BEAZLEY, R. (1957). Classification of the spatial distribution of trees using the area sampling method. Forest Sci. 3, 22-31.
Class.: MI:tp:BM 1759
- SHKLOV, N. and PUTNAM, L. G. (1956). See Putnam, L. G. and Shklov, N. (1956).
- SHOOK, B. L. (1930). Synopsis of elementary mathematical statistics. Ann. Math. Statist. 1, 224-259.
Class.: B:mi:G 1760
- SHORROCK, RICHARD W. (1965). Stochastic and sampling processes for the logarithmic series distribution. Master's Thesis, McGill Univ.
Class.: No classification 1761
- SHORROCK, RICHARD W. and PATIL, G. P. (1965). See Patil, G. P. and Shorrock, Richard W. (1965).
- SHORROCK, RICHARD W. and PATIL, G. P. (1966). See Patil, G. P. and Shorrock, Richard W. (1966).
- SHORTLEY, G. (1965). A stochastic model for distribution of biological response times. Biometrics 21, 562-582.
Class.: 1762

- SHUMWAY, ROBERT and GURLAND, JOHN (1960a). Fitting the Poisson binomial distribution. Biometrics 16, 522-533.
 Review: MR 23A(1962), 122
 Users : Katti, S. K. (1960d), Katti, S. K. and Gurland, J. (1960b), Shumway, R. and Gurland, J. (1960c), Katti, S. K. and Gurland, J. (1962a), Staff, P. J. (1964), Blischke, W. R. (1965), Gurland, J. (1965), Kemp, C. D. and Kemp, A. W. (1965), Sprott, D. A. (1965b)
 Class.: GP-COB:c:G 1763
- SHUMWAY, ROBERT and GURLAND, JOHN (1960b). A fitting procedure for some generalized Poisson distributions. Skand. Aktuarietidskr. 43, 87-108.
 Review: MR 24A(1962), 325
 Class.: GP-COB-CONB:pe-c:G 1764
- SHUMWAY, ROBERT and GURLAND, JOHN (1960c). A fitting procedure for some generalized Poisson distributions. MRC Tech. Summary Rep. 205, Univ. Wisconsin, pp. 33.
 Class.: GP-COB-CONB:pe-c:G 1765
- SIBUYA, MASAACKI (1960). Cutting out procedures for material with Poisson defects. Ann. Inst. Statist. Math. Tokyo 12, 151-159.
 Review: MR 22(1961), 1965
 Class.: 1766
- SIBUYA, MASAACKI (1961). On exponential and other random variable generators. Ann. Inst. Statist. Math. Tokyo 13, 231-237.
 Class.: P-G:osp:G 1767
- SIBUYA, MASAACKI (1963). Randomized unbiased estimation of restricted parameters. Ann. Inst. Statist. Math. Tokyo 15, 61-66.
 Class.: B-H:pe:G 1768
- SIBUYA, MASAACKI, YOSHIMURA, ISAO and SHIMIZU, RYOICHI (1964). Negative multinomial distribution. Ann. Inst. Statist. Math. Tokyo 16, 409-426.
 Review: MR 30(1965), 312
 Users : Patil, G. P. and Bildikar, S. (1966a)
 Class.: NM-MI:mb-m-pe-osp:G 1769
- SICHEL, H. S. (1951). The estimation of the parameters of a negative binomial distribution with special reference to psychological data. Psychometrika 16, 107-127.
 Review: MR 13(1952), 53
 Users : Bliss, C. I. and Fisher, R. A. (1953), Arbous, A. G. and Sichel, H. S. (1954a), Arbous, A. G. and Sichel, H. S. (1954b), Patil, G. P. (1959), Edwards, C. B. and Gurland, J. (1960), Patil, G. P. (1960c), Edwards, C. B. and Gurland, J. (1961), Shenton, L. R. and Myers, R. (1965)
 Class.: 1770
- SICHEL, H. S. and ARBOUS, A. G. (1954). See Arbous, A. G. and Sichel, H. S. (1954).

- SIDDIQUI, M. M. and MIELKE, PAUL W. (1965). See Mielke, Paul W. and Siddiqui, M. M. (1965).
- SIMON, HERBERT A. (1955). On a class of skew distributions functions. Biometrika 42, 425-439.
Users : Herdan, G. (1957), Herdan, G. (1958), Simon, H. A. and Bonini, C. P. (1958), Simon, H. (1960), Herdan, G. (1961), Simon, H. A. (1961a), Simon, H. A. (1961b), Simon, H. and VanWormer, T. (1963), Ijiri, Y. and Simon, H. A. (1964), Rider, P. R. (1965)
Class.: MI:mb-gf:L-BM-S 1771
- SIMON, HERBERT A. (1960). Some further notes on a class of skew distribution functions. Information and Control 3, 80-88.
Users : Simon, H. A. (1961a), Simon, H. A. and VanWormer, T. (1963)
Class.: MI:mb:L 1772
- SIMON, HERBERT A. (1961a). Reply to 'final note' by Benoît Mandelbrot. Information and Control 4, 217-223.
Users : Simon, H. A. (1961b)
Class.: MI:mb:L 1773
- SIMON, HERBERT A. (1961b). Reply to Dr. Mandelbrot's Post Scriptum. Information and Control 4, 305-308.
Class.: MI:mb:L 1774
- SIMON, HERBERT A. and BONINI, C. P. (1958). The size distribution of business firms. Amer. Econ. Rev. 48, 607-617.
Users : Ijiri, Y. and Simon, H. A. (1964)
Class.: MI:mb-gf:S 1775
- SIMON, HERBERT A. and IJIRI, Y. (1964). See Ijiri, Y. and Simon, H. A. (1964).
- SIMON, HERBERT A. and VAN WORMER, T. A. (1963). Some Monte Carlo estimates of the Yule distribution. Behavioral Sci. 8, 203-210.
Users : Ijiri, Y. and Simon, H. A. (1964).
Class.: MI:gf:L 1776
- SIMOND, M., GALLIHER, H. P. and MORSE, PHILIP M. (1959). See Galliher, H. P., Morse, Philip M. and Simond, M. (1959).
- SINGAL, M. K. and DHURUVARAJAN, P. S. (1957). See Dhruvarajan, P. S. and Singal, M. K. (1957).
- SINGH, B. N. and CHALAM, G. V. (1937). A quantitative analysis of the weed flora on arable land. J. Ecol. 25, 213-221.
Users : Singh, B. N. and Chalam, G. (1938), Singh, B. N. and Das, K. (1939), Blackman, G. E. (1942), Archibald, E.E.A. (1948), Ashby, E. (1948), Bliss, C. I. and Fisher, R. A. (1953).
Class.: 1777

- SINGH, B. N. and DAS, K. (1938). Distribution of weed species on arable land. J. Ecol. 26, 455-466.
Users : Singh, B. N. and Das, K. (1939), Archibald, E.E.A. (1948). Ashby, E. (1948)
Class.: 1778
- SINGH, B. N. and DAS, K. (1939). Percentage frequency and quadrat size in analytical studies of weed flora. J. Ecol. 27, 66-77.
Users : Blackman, G. E. (1942), Ashby, E. (1948)
Class.: 1779
- SINGH, J. and KATTI, S. K. (1965). Some properties of compound distributions. (Abstract). Biometrics 21, 765.
Class.: No classification 1780
- SINGH, J. and KATTI, S. K. (1965). See Katti, S. K. and Singh, J. (1965).
- SINGH, N. (1960). Estimation of parameters of a mixture of two or more Poissonian populations from a censored sample. J. Indian Soc. Agric. Statist. 12, 88-94.
Review: MR 23A(1962), 253
Class.: GP:pe:G 1781
- SINGH, RAJINDER (1964). Estimating log p. (Abstract). Math. Student 32 Appendix 2, 32-33.
Class.: No classification 1782
- SINGH, S. N. (1962). A note on inflated Poisson distribution. (Abstract). Ann. Math. Statist. 33, 1210.
Class.: No classification 1783
- SINGH, S. N. (1962-63). Inflated Poisson distribution. J. Sci. Res. Banaras Hindu Univ. 13, 317-326.
Review: MR 29(1965), 561
Class.: 1784
- SINGH, S. N. (1963). A note on inflated Poisson distribution. J. Indian Statist. Assoc. 1, 140-144.
Review: MR 28(1964), 1065
Class.: 1785
- SINHA, P. (1953). Distribution of total number of runs in samples from Poisson populations. Bull. Calcutta Statist. Assoc. 4, 171-172.
Review: MR 14(1953), 1102
Class.: 1786
- SINISCALCO, M., SMITH, C. A. B. and CEPPELLINI, R. (1955). See Ceppellini, R., Siniscalco, M. and Smith, C.A.B. (1955).

- SIOTANI, M. (1956). Order statistics for discrete case with a numerical application to the binomial distribution. Ann. Inst. Statist. Math. Tokyo 8, 95-104.
 Review: MR 19(1958), 331
 Users : Khatri, C. G. (1962), Gupta, S. S. (1965)
 Class.: 1787
- SIOTANI, M. and OZAWA, M. (1958). Tables for testing the homogeneity of k independent binomial experiments on certain event based on the range. Ann. Inst. Statist. Math. Tokyo 10, 47-63.
 Class.: 1788
- SIRAZHDINOV, S. KH. (1956a). On estimators with minimum bias for a binomial distribution. Theor. Probability Appl. 1, 150-156.
 Class.: B:pe:G 1789
- SIRAZHDINOV, S. KH. (1956b). Concerning estimations with minimum bias for a binomial distribution. (Russian. English summary). Teor. Veroyatnost. i Primenen. 1, 168-174.
 Review: MR 19(1958), 783
 Class.: 1790
- SIROMONEY, GIFT (1962). Entropy of logarithmic series distributions. Sankhyā 24A, 419-420.
 Users : Nelson, W. C. and David, H. A. (1964), Patil, G. P. and Wani, J. K. (1965)
 Class.: LS:osp:G 1791
- SIROMONEY, GIFT (1964). The general Dirichlet's series distribution. J. Indian Statist. Assoc. 2, 69-74.
 Class.: 1792
- SITGREAVES, R., GIRSHICK, M. A. and RUBIN, H. (1955). See Girshick, M. A., Rubin, H. and Sitgreaves, R. (1955).
- SITTIG, J., DE JONG, A. J. and DE WOLFF, P. (1950). See deWolff, P., Sittig, J. and de Jong, A. J. (1950).
- SKELLAM, J. G. (1946). The frequency distribution of the difference between two Poisson variates belonging to different populations. J. Roy. Statist. Soc. Ser. A 109, 296.
 Users : Skellam, J. G. (1952), Johnson, N. L. (1959), Irwin, J. O. (1963), Shanfield, F. (1964)
 Class.: OPR:mi:G 1793
- SKELLAM, J. G. (1948). A probability distribution derived from the binomial distribution by regarding the probability of success as variable between the sets of trials. J. Roy. Statist. Soc. Ser. B 10, 257-261.
 Review: MR 10(1949), 463
 Users : Skellam, J. G. (1949), Shenton, L. R. (1950), Binet, F. F. (1953), Kemp, C. D. and Kemp, A. W. (1956a), Kemp, C. D. and Kemp, A. W. (1956b),

- Sarkadi, K. (1957), Sarkadi, K. (1957a), Edwards, A.W.F. (1958), Patil, G. P. (1959), Darwin, J. H. (1960), Lord, F. M. (1960), Mosimann, J. E. (1962), Pielou, E. C. (1962), Bosch, A. J. (1963), Tallis, G. M. (1964), Blischke, W. R. (1965)
Class.: NH:mb-pe-gf:G-E 1794
- SKELLAM, J. G. (1949). The probability distribution of gene-differences in relation to selection, mutation, and random extinction. Proc. Cambridge Philos. Soc. 45, 364-367.
Users : Skellam, J. G. (1952)
Class.: 1795
- SKELLAM, J. G. (1952). Studies in statistical ecology. Biometrika 39, 346-362.
Users : Chapman, D. G. (1954), Clark, P. J. and Evans, F. C. (1954a), Clark, P. J. and Evans, F. C. (1954b), Thompson, H. R. (1954), Gurland, J. (1957), McGuire, J., Brindley, T. A. and Bancroft, T. A. (1957), Neyman, J. and Scott, E. L. (1957), Pielou, E. C. (1957), Bliss, C. I. (1958), Gurland, J. (1958), Skellam, J. G. (1958b), Gurland, J. (1959), Jensen, F. (1959), Waters, W. (1959), Waters, W. E. and Hensen, W. R. (1959), Katti, S. K. (1960d), Pielou, E. C. (1960), Shumway, R. and Gurland, J. (1960c), Bardwell, G. E. (1961), Khatri, C. G. and Patel, I. R. (1961), Pielou, E. C. (1962), Shanfield, F. (1964), Gurland, J. (1965), Katti, S. K. and Sly, L. E. (1965), Kemp, C. D. and Kemp, A. W. (1965)
Class.: COP-MI:gf:EM 1796
- SKELLAM, J. G. (1958a). The mathematical foundations underlying the use of line transects in animal ecology. Biometrics 14, 385-400.
Class.: 1797
- SKELLAM, J. G. (1958b). On the derivation and applicability of Neyman's type A distribution. Biometrika 45, 32-36.
Class.: N:mb:G 1798
- SKELLAM, J. G. and SHENTON, L. R. (1957). Distributions associated with random walk and recurrent events. J. Roy. Statist. Soc. Ser. B 19, 64-111.
Users : Haight, F. (1965b)
Class.: P-B-MI:pc:G 1799
- SKIBINSKY, M. and COTE, L. (1963). On the admissibility of some standard estimates in the presence of prior information. Ann. Math. Statist. 34, 439-548.
Class.: B:pe-c:G 1800
- SLY, L. E. and KATTI, S. K. (1965). See Katti, S. K. and Sly, L. E. (1965).
- SMITH, C. A. B. (1957). Counting methods in genetical statistics. Ann. Human Genetics 21, 254-276.
Class.: B:pe-h:EM 1801
- SMITH, C. A. B., CEPPELLINI, R. and SINISCALCO, M. (1955). See Ceppellini, R., Siniscalco, M. and Smith, C.A.B. (1955).

- SMITH, E. S. (1953). Binomial, normal and Poisson probabilities. Bel Air, Maryland, Publ. by the author, pp. 71.
 Review: MR 14(1953), 887
 Class.: No classification 1802
 Notes : Addenda; 1954
- SMITH, J. H. G. and KER, J. W. (1957). Some distributions encountered in sampling forest stands. Forest Sci. 3, 137-144.
 Class.: P-NB:mi:BM 1803
- SMITH, K. (1916). On the "best" values of the constants in frequency distributions. Biometrika 11, 262-276.
 Class.: 1804
- SMITH, W. L. (1957). On renewal theory, counter problems, and quasi-Poisson processes. Proc. Cambridge Philos. Soc. 53, 175-193.
 Class.: 1805
- SMITH, W. L. (1958). Renewal theory and its ramifications. J. Roy. Statist. Soc. Ser. B 20, 243-302.
 Users : Jewell, W. S. (1960)
 Class.: 1806
- SMITH, W. L. and COX, D. R. (1957). See Cox, D. R. and Smith, W. L. (1957).
- SMYLY, W. J. P. (1952). The entomostraca of the weeds of a mooreland pond. J. Animal Ecol. 21, 1-11.
 Class.: P:ie:BM 1807
- SOBEL, MILTON (1960). Group testing to classify efficiently all units in a binomial sample. Information and Decision Processes, Ed. McGraw-Hill, New York, pp. 127-161.
 Review: MR 24A(1962), 461
 Class.: 1808
- SOBEL, M. and BECHHOFFER, R. E. (1956). See Bechhofer, R. E. and Sobel, M. (1956).
- SOBEL, M. and GUPTA, S. S. (1958). See Gupta, S. S. and Sobel, M. (1958).
- SOBEL, M. and GUPTA, S. S. (1960). See Gupta, S. S. and Sobel, M. (1960).
- SOBEL, M. and HUYETT, M. J. (1957). Selecting the best one of several binomial populations. Bell System Tech. J. 36, 537-576.
 Review: SA 60A(1957), Ab.No. 4967
 Users : Gupta, S. S., Huyett, M. J. and Sobel, M. (1957), Gupta, S. S. and Sobel, M. (1960), Gupta, S. S. (1965)
 Class.: 1809

SOBEL, M. and OLKIN, INGRAM (1965). See Olkin, Ingram and Sobel, M. (1965).

SOBEL, M., GUPTA, S. S. and HUYETT, J. (1957). See Gupta, S. S., Huyett, J. and Sobel, M. (1957).

SOLOMON, M. J. (1954). Optimum operation of a complex activity under conditions of uncertainty. J. Operations Res. Soc. Amer. 2, 419-432.
Class.: 1810

SOLOW, ROBERT M. (1960). On a family of lag distributions. Econometrica 28, 393-406.
Class.: 1811

SOMERVILLE, P. N. (1957). Optimum sampling in binomial populations. J. Amer. Statist. Assoc. 52, 494-502.
Review: MR 19(1958), 991
Class.: 1812

SOPER, H. E. (1914-15). Tables of Poisson's exponential binomial limit. Biometrika 10, 25-35.
Class.: P:tc:G 1813

SPICER, C. C. and ARMITAGE, P. (1956). See Armitage, P. and Spicer, C. C. (1956).

SPROTT, D. A. (1957). Probability distributions associated with distinct hits on targets. Bull. Math. Biophys. 19(3), 163-170.
Review: MR 19(1958), 587; BA 32(1958), Ab.No. 11163
Users: Barton, D. E. and David, F. N. (1959d), Blyth, C. R. and Curme, G. L. (1960)
Class.: MI:mb-m-osp:G 1814

SPROTT, D. A. (1958). The method of maximum likelihood applied to the Poisson binomial distribution. Biometrics 14, 97-106.
Review: MR 20(1959), 814; PA 33(1959), Ab.No. 7318
Users: Katti, S. K. (1960d), Katti, S. K. and Gurland, J. (1960b), Shumway, R. and Gurland, J. (1960a), Shumway, R. and Gurland, J. (1960b), Shumway, R. and Gurland, J. (1960c), Khatri, C. G. (1961), Khatri, C. G. and Patel, I. R. (1961), Katti, S. K. and Gurland, J. (1962a), Martin, D. C. and Katti, S. K. (1962b), Martin, D. C. and Katti, S. K. (1962c), Blischke, W. R. (1965), Katti, S. K. and Sly, L. E. (1965), Kemp, C. D. and Kemp, A. W. (1965), Martin, D. C. and Katti, S. K. (1965), Sprott, D. A. (1965b)
Class.: COB:pe-gf:G 1815

SPROTT, D. A. (1965a). Some comments on the question of identifiability of parameters raised by Rao. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 333-336.
Users: Sprott, D. A. (1965b)
Class.: MI-B-P-IS-NB:osp:G 1816

- SPROTT, D. A. (1965b). A class of contagious distributions and maximum likelihood estimation. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 337-350.
Class.: MI:osp-pe:G 1817
- SPROULE, R. N. (1962). The Poisson distribution. Master's Thesis, McGill Univ.
Class.: No classification 1818
- SPROWLS, R. C. (1950). Statistical decisions by the method of minimum risk: an application. J. Amer. Statist. Assoc. 45, 238-248.
Class.: B:tp:G 1819
- SRINIVASAN, S. K. and RAMAKRISHNAN, ALLADI (1958). See Ramakrishnan, Alladi and Srinivasan, S. K. (1958).
- SRINIVASAN, T. R. (1956). Spells of abnormally cold and hot days at Poona. Indian J. Meteorol. Geol. 7, 43-48.
Users : Tikka, R. N. (1962)
Class.: G-LS:gf:P 1820
- STAFF, P. J. (1964). The displaced Poisson distribution. Austral. J. Statist. 6, 12-20.
Class.: OPR:pc-mb-m-pe-osp-gf:G-BM 1821
- STANBURY, F. A. and BARNES, H. (1951). See Barnes, H. and Stanbury, F. A. (1951).
- STARK, R. W. (1952). Sequential sampling of the lodgepole needle miner. For. Chron. 28, 57-60.
Users : Waters, W. E. and Hensen, W. R. (1959)
Class.: 1822
- STECK, G. P. (1964). Approximations for the binomial and hypergeometric distributions. (Abstract). Technometrics 6, 124.
Class.: No classification 1823
- STECK, G. P., YOUNG, D. A., OWEN, D. B. and GILBERT, E. J. (1959). See Owen, D. B., Gilbert, E. J., Steck, G. P. and Young, D. A. (1959).
- STEFFENSEN, J. F. (1923). Factorial moments and discontinuous frequency-functions. Skand. Aktuarietidskr. 6, 73-89.
Users : Kullback, S. (1937)
Class.: 1824
- STERN, J. R. and ERICKSON, R. O. (1945). See Erickson, R. O. and Stehn, J. R. (1945).
- STEIN, C. and LEHMANN, E. L. (1949). See Lehmann, E. L. and Stein, C. (1949).

- STEINHOUS, H. and URBANIK, K. (1959). Poissonsche Folgen. Math. Z. 72, 127-145.
Class.: 1825
- STEINHOUS, H. and ZUBRZYCKI, S. (1957). On the comparison of two production processes and the rule of dualism. Colloq. Math. 5, 103-115.
Review: MR 19(1958), 1205
Class.: P-B:ctp:E 1826
- STEPHEN, F. F. (1945). The expected value and variance of the reciprocal and other negative powers of a positive Bernoullian variate. Ann. Math. Statist. 16, 50-61.
Review: MR 6(1945), 232
Users : Chapman, D. G. (1951), David, F. N. and Johnson, N. L. (1953), Grab, E. L. and Savage, R. I. (1954), Okamoto, M. (1955), David, F. N. and Johnson, N. L. (1956), Patil, G. P. (1959), Mendenhall, W. and Lehman, E. H. (1960), Sen, P. K. (1960), Bennett, B. M. (1962a), Govindarajulu, Z. (1962c), Govindarajulu, Z. (1962e), Rider, P. R. (1962b), Govindarajulu, Z. (1963), Tiku, M. (1964)
Class.: TCB-OHR:m:G 1827
- STERNE, T. E. (1954). Some remarks on confidence or fiducial limits. Biometrika 41, 275-278.
Users : Crow, E. L. (1956), Stevens, W. L. (1957), Pratt, J. W. (1961)
Class.: B:ie:G 1828
- STEVENS, W. L. (1937). Significance of grouping. Ann. Eugenics 8, 57-69.
Users : Tukey, J. W. (1949a), David, F. N. (1950), Thomas, M. (1951), Craig, C. C. (1953a), Irwin, J. O. (1955), Rao, C. R. and Chakravarti, I. (1956), Barton, D. E. (1957), Sprett, D. A. (1957), Barton, D. E. and David, E. N. (1959a), Chakravarti, I. and Rao, C. R. (1959), Jones, H. L. (1959), Barton, D. E., David, F. N. and Merrington, M. (1960), Nicholson, W. L. (1960), Good, I. J. (1961c), Nicholson, W. L. (1961), Locher, M. P. (1963)
Class.: 1829
- STEVENS, W. L. (1950). Fiducial limits of the parameter of a discontinuous distribution. Biometrika 37, 117-129.
Review: MR 12(1951), 37
Users : Pearson, E. S. (1950), Lancaster, H. O. (1952), Sandelius, M. (1952a), Abdel-Aty, S. H. (1954), David, F. N. (1955a), Buehler, R. J. (1957), Stevens, W. L. (1957), Clunies-Ross, C. W. (1958), Crow, E. L. (1959), Blyth, C. R. and Hutchinson, D. W. (1960), Cacoullos, T. (1962)
Class.: B:ie:G 1830
- STEVENS, W. L. (1957). Shorter intervals for the parameter of the binomial and Poisson distribution. Biometrika 44, 436-440.
Review: MR 19(1958), 780
Users : Crow, E. L. (1959)
Class.: P:ie:G 1831

- STEYN, H. S. (1951). On discrete multivariate probability functions. Nederl. Akad. Wetensch. Proc. Ser. A 54, (Indag. Math. 13), 23-30.
 Review: MR 12(1951), 722
 Users : Wiid, A.J.B. (1957-8), Patil, G. P. and Bildikar, S. (1966a)
 Class.: MH-MIH:m-r:G 1832
- STEYN, H. S. (1955). On discrete multivariate probability functions of hypergeometric type. Nederl. Akad. Wetensch. Proc. Ser. A 58, 588-595.
 Review: MR 17(1956), 634
 Users : Steyn, H. S. (1959), Patil, G. P. and Bildikar, S. (1966a)
 Class.: MH-MIH:m-a-osp:G 1833
- STEYN, H. S. (1956). On the univariable series $F(t) = F(a; h_1, b_2, \dots, b_k; c; t, t^2, \dots, t^k)$ and its applications in probability theory. Nederl. Akad. Wetensch. Proc. Ser. A 59, (Indag. Math. 18), 190-197.
 Review: MR 17(1956), 981
 Class.: MH-MIH:m-a:G 1834
- STEYN, H. S. (1957). On regression properties of discrete systems of probability functions. Nederl. Akad. Wetensch. Proc. Ser. A 60, 119-127.
 Users : Patil, G. P. and Bildikar, S. (1966a)
 Class.: MI-M-NM-MIH-MIH:r:G 1835
- STEYN, H. S. (1959). On χ^2 -tests for contingency tables of negative multinomial types. (Dutch summary). Statistica Neerlandica 13, 433-444.
 Review: MR 24A(1962), 456
 Users : Bartko, J.J. (1961b), Bennett, B. M. (1962)
 Class.: NM:tp:G 1836
- STEYN, H. S. (1963). On approximations for the distributions obtained from multiple events. Nederl. Akad. Wetensch. Proc. Ser. A 66, 85-96.
 Users : Patil, G. P. and Bildikar, S. (1966a)
 Class.: M-NM-MIH-MIH:a:G 1837
- STEYN, H. S. and WIID, A. J. B. (1956). See Wiid, A.J.B. and Steyn, H. S. (1956).
- STEYN, H. S. and WIID, A. J. B. (1958). On eightfold probability functions. Nederl. Akad. Wetensch. Proc. Ser. A. 61, 129-138.
 Users : Patil, G. P. and Bildikar, S. (1966a)
 Class.: MH-MB-MNB:m-a-rp:G 1838
- STRATTON, H. H. JR. and TUCKER, H. G. (1964). Limit distributions of a branching stochastic process. Ann. Math. Statist. 35, 557-565.
 Class.: 1839

STUART, A. (1957). A singularity in the estimation of binomial variance.
Biometrika 44, 262-264.
 Class.: B:pe:G 1840

"STUDENT" (1907). On the error of counting with a haemocytometer. Biometrika 5, 351-355.
 Users : Soper, H. E. (1914-5), Whitaker, L. (1914), Thorndike, F. (1926), Luders, R. (1934), Matuszewsky, T., Supinska, J. and Neyman, J. (1936), Neyman, J. (1939), Katz, L. (1945), Cole, L. C. (1946), Cole, L. C. (1946a), Chamberlain, A. C. and Turner, F. (1952), Skellam, J. G. (1952), Bliss, C. I. and Fisher, R. A. (1953), Rutherford, R.S.G. (1954), Turner, M. E. and Eadie, G. S. (1957), Jensen, P. (1959), Griffiths, J. C. (1960), Pielou, E. C. (1960), Bardwell, G. E. (1961), Bartko, J. J. (1962), Cassie, R. M. (1962), Bardwell, G. E. and Crow, E. L. (1964), Crow, E. L. and Bardwell, G. E. (1965), Kemp, C. D. and Kemp, A. W. (1965)
 Class.: B-P:mb:G-18M 1841

"STUDENT" (1919). An explanation of deviations from Poisson's law in practice. Biometrika 12, 211-215.
 Users : Thorndike, F. (1926), Bowen, M. F. (1947), Hoel, P. G. (1947), Bliss, C. I. and Fisher, R. A. (1953), David, F. N. and Moore, P. G. (1954), Turner, M. E. and Eadie, G. S. (1957), Jensen, P. (1959), Waters, W. E. and Hensen, W. R. (1959), Griffiths, J. C. (1960)
 Class.: P-E-NB:cm-gf:G 1842

SUBRAHMANYAM, K. (). A test for 'intrinsic correlation' in the theory of accident proneness. Paper 355, Dept. Biostatist. John Hopkins Univ. pp. 16.
 Class.: MB:mb-tp-a:A 1843

SUBRAHMANYAM, K. (). On a general class of contagious distributions: the Pascal-Poisson distribution. Paper 356, Dept. Biostatist., John Hopkins Univ., pp. 21.
 Class.: GP-GB-COB-CONB:mb-a-gf:G-BM 1844

SUBRAHMANYAM, K. (1963). A test for "intrinsic" correlation in the theory of accident proneness. (Abstract). Ann. Math. Statist. 34, 1628.
 Class.: No classification 1845

SUBRAHMANYAM, K. (1964). On a general class of contagious distributions and Pascal-Poisson distribution. (Abstract). Ann. Math. Statist. 35, 452.
 Class.: No classification 1846

SUBRAHMANYAM, K. (1965a). On a property of the binomial distribution. (Abstract) Ann. Math. Statist. 36, 1086.
 Class.: No classification 1847

SUBRAHMANYAM, K. (1965b). A note on estimation in the truncated Poisson. Biometrika 52, 279-282.
 Class.: TCP:pe:G 1848

- SUBRAHMANYAM, K. and SALEH, A. K. MD. E. (196.). Decomposition of a mixture of two Poisson distributions. (Abstract). Ann. Math. Statist. 36, 1087.
Class.: No classification 1849
- SUGIMORI, MAKATO (1961). Binomial probabilistic sequential circuits. (Japanese). Elec. Comm. Lab. Tech. J. 10, 657-681.
Review: MR 24B(1962), 237
Class.: 1850
- SUGIYAMA, H. (1952). On the asymptotic behaviour of Σp^2 in case of certain probability distributions. I. Math. Japon. 2, 187-192.
Users: Sugiyama, H. (1955)
Class.: B-P-MI:mi:G 1851
- SUGIYAMA, H. (1955). On the asymptotic behaviour of Σp^2 in case of certain probability distributions. II. Math. Japon. 3, 121-126.
Class.: B-P-M:mi:G 1852
- SUKHATME, P. V. (1937). The problem of K samples for Poisson population. Proc. National Inst. Sci. India 3, 297-305.
Users: Bennett, B. M. (1959)
Class.: 1853
- SUKHATME, P. V. (1938). On the distribution of χ^2 in samples of the Poisson series. J. Roy. Statist. Soc. Supple. 5, 75-79.
Users: Cochran, W. G. (1940), Seal, H. L. (1949), Lancaster, H. O. (1952), Cochran, W. G. (1954), Okamoto, M. (1955), Rao, C. R. and Chakravarti, I. (1956), Bennett, B. M. (1959), Chakravarti, I. M. and Rao, C. R. (1959), Bennett, B. M. (1962a)
Class.: 1854
- SUKHATME, P. V. and PANSE, V. G. (1943). Size of experiments for testing sera or vaccines. Indian J. Vet. Sci. and Anima' Husbandry 13, 75-82.
Class.: 1855
- SUKHATME, S. B. (1960). Nonparametric tests for location and scale parameters in a mixed model with discrete and continuous variables. (Abstract). Ann. Math. Statist. 31, 529.
Class.: No classification 1856
- SUKHATME, S. (1962). Some non-parametric tests for location and scale parameters in a mixed model of discrete and continuous variables. J. Indian Soc. Agric. Statist. 14, 121-137.
Review: MR 29(1965), 1006
Class.: 1857
- SURANYI, J. (1956). On a problem of old Chinese mathematics. Publ. Math. Debrecen 4, 195-197.
Review: MR 18(1957), 4
Class.: MI:mi:G 1858

SUTCLIFFE, M. I., MAINLAND, D. and HERRERA, L. (1956). See Mainland, D.,
Herrera, L. and Sutcliffe, M. I. (1956).

SUTER, GLENN W. (1951). Theory of regression for a binomial distributed variate.
Master's Thesis, Virginia Polytechnic Inst.
Class.: No classification 1850

SUZUKI, YUKIO and GOVINDARAJULU, Z. (1963). See Govindarajulu, Z. and Suzuki,
Yukio (1963).

SVEDBERG, THE (1922). Ett Bidrag till de statistiska metodernas användning
inom växtbiologien. Svensk Botanisk Tidskrift 16, 1-8.
Class.: 1860

SVERDRUP, E. (1951). Om punktestimering av sannsynligheter på grunnlag av et
tilfeldig utvalg. (On point-estimation of probabilities on the basis of
random sample.) Memo., Univ. Oslo, inst. Econ., pp. 18.
Class.: 1861

SWINEFORD, FRANCES (1948). A table for estimating the significance of the
difference between correlated percentages. Psychometrika 13, 23-25.
Review: BA 22(1948), 19898
Class.: MB:tp-tc:G 1862

SYLWESTER, D. L., GAFFEY, W. R., MANHEIMER, D. I. and MELLINGER, G. D. (1965).
See Mellinger, G. D., Sylwester, D. L., Gaffey, W. R. and Manheimer, D. I.
(1965).

- 1 -

TAGA, YASUSHI (1964). On high order moments of the number of renewals. Ann.
Inst. Statist. Math. Tokyo 15, 187-196.
Class.: 1863

TAKACS, L. (1951). Occurrence and coincidence phenomena in case of happenings.
with arbitrary distribution law of duration. Acta Math. Acad. Sci. Hungar.
2, 275-298.
Class.: 1864

TAKACS, L. (1954). On secondary processes generated by a Poisson process and
their applications in physics. Acta Math. Acad. Sci. Hungar. 5, 203-236.
Class.: 1865

TAKACS, L. (1955). On processes of happenings generated by means of a Poisson
process. Acta Math. Acad. Sci. Hungar. 6, 81-99.
Class.: 1866

TAKACS, L. (1955a). On stochastic processes connected with certain physical
recording apparatuses. Acta Math. Acad. Sci. Hungar. 6, 363-380.
Class.: 1867

- TAKACS, L. (1956a). On secondary stochastic processes generated by recurrent processes. Acta Math. Acad. Sci. Hungar. 7, 17-29.
Class.: 1868
- TAKACS, L. (1956b). On the generalization of Erlang's formula. Acta Math. Acad. Sci. Hungar. 7, 419-433.
Class.: MI:pc:G 1869
- TAKACS, L. (1956c). On a probability problem arising in the theory of counters. Proc. Cambridge Philos. Soc. 52, 488-498.
Class.: 1870
- TAKACS, L. (1956d). On the sequence of events, selected by a counter from a recurrent process events. Theor. Probability Appl. 1, 90-102.
Users: Anselone, Philip M. (1960)
Class.: 1871
- TAKACS, L. (1957a). Über die Wahrscheinlichkeitstheoretische Behandlung der Anodenstromschwankungen von Elektronenrohren. Acta Phys. Acad. Sci. Hungar. 7, 25-50.
Class.: 1872
- TAKACS, L. (1957b). On some probability problems concerning the theory of counters. Acta Math. Acad. Sci. Hungar. 8, 127-138.
Class.: 1873
- TAKACS, L. (1957c). On a probability problem concerning telephone traffic. Acta Math. Acad. Sci. Hungar. 8, 319-324.
Class.: 1874
- TAKACS, L. (1957d). On a queueing problem concerning telephone traffic. Acta Math. Acad. Sci. Hungar. 8, 325-335.
Class.: 1875
- TAKACS, L. (1957e). On secondary stochastic processes generated by a multi-dimensional Poisson process. (Hungarian). Magyar Tud. Akad. Mat. Kutató Int. Közl. 2, 71-80.
Class.: 1876
- TAKACS, L. (1958a). On a coincidence problem concerning telephone traffic. Acta Math. Acad. Sci. Hungar. 9, 45-81.
Class.: 1877
- TAKACS, L. (1958b). On a probability problem in the theory of counters. Ann. Math. Statist. 29, 1257-1263.
Class.: 1878
- TAKACS, L. (1961a). Charles Jordan, 1871-1959. Ann. Math. Statist. 32, 1-11.
Class.: MI:mi:G 1879

- TAKACS, L. (1961b). On a coincidence problem concerning particle counters. Ann. Math. Statist. 32, 739-756.
Class.: 1880
- TAKACS, L. (1962). A generalization of the ballot problem and its application in the theory of queues. J. Amer. Statist. Assoc. 57, 327-337.
Class.: P-MI:pc-mi:G 1881
- TALLIS, G. M. (1962). The use of a generalized multinomial distribution in the estimation of correlation in discrete data. J. Roy. Statist. Soc. Ser. D 24, 530-534.
Review: MR 26(1963), 1344
Users: Tallis, G. M. (1964), Patil, G. P. and Bildikar, S. (1966a)
Class.: OMR:mb-pe:G 1882
- TALLIS, G. M. (1964). Further models for estimating correlation in discrete data. J. Roy. Statist. Soc. Ser. B 26, 82-85.
Review: MR 29(1965), 1233
Class.: OMR-GP:osp:G 1883
- TANAKA, MASAO (1961-62). On a confidence interval of given length for the parameter of the binomial and the Poisson distributions. Ann. Inst. Statist. Math. 13, 201-215.
Review: MR 26(1963), 1343
Class.: 1884
- TANNER, J. C. (1951). The delay to pedestrians crossing a road. Biometrika 38, 383-392.
Users: Haight, F. (1965b)
Class.: 1885
- TANNER, J. C. (1958). A problem in the combination of accident frequencies. Biometrika 45, 331-342.
Class.: MI:tp:A 1886
- TANNER, J. C. (1961). A derivation of Borel-distribution. Biometrika 48, 222-224.
Class.: MI:pc:G 1887
- TANNER, J. C. and GARWOOD, F. (1956). See Garwood, F. and Tanner, J. C. (1956).
- TATE, MERLE W. (1951). A note on common mistakes in testing significance of a proportion. J. Educ. Res. 44, 551-553.
Review: PA 26(1952), Ab.No. 41
Class.: 1888
- TATE, R. F. and GOEN, R. L. (1958). Minimum variance unbiased estimation for the truncated Poisson distribution. Ann. Math. Statist. 29, 755-765.
Review: MR 20(1959), 63
Users: Cohen, A. C. (1959e), Cohen, A. C. (1960b), Cohen, A. C. (1960c), Cacoullos, T. (1961), Cohen, A. C. (1961a), Patil, G. P. (1961b), Cacoullos, T.

- (1962), Hughes, E. J. (1962), Patil, G. P. (1963a), Bardwell, G. E. and Crow, E. L. (1964), Crow, E. L. and Bardwell, G. E. (1965), Tweedie, M.C.K. (1965)
Class.: TCP:pe:G 1889
- TATE, R. F. and OLKIN, INGRAM (1960). Multivariate correlation models with mixed discrete and continuous variables. (Summary). J. Amer. Statist. Assoc. 55, 373.
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: No classification 1890
- TATE, R. F. and OLKIN, INGRAM (1961). See Olkin, Ingram and Tate, R. L. (1961).
- TAYLOR, C. J. (1961). The application of the negative binomial distribution to stock control problems. Operational Research Quarterly 12, 81-88.
Class.: NB:mi:E 1891
- TAYLOR, L. R. (1961). Aggregation, variance and the mean. Nature 189, 732-735.
Class.: 1892
- TAYLOR, R. J. (1955). On the use of an auxiliary variable in the transformation of discrete data. Master's Thesis, Virginia Polytechnic Inst.
Class.: No classification 1893
- TAYLOR, W. F. (1956). Problems in contagion. Proc. 3rd Berkeley Symp. Math. Statist. Prob. 4, 167-179.
Class.: MI:mb:A 1894
- TEICHER, H. (1952). On the multivariate Poisson distribution. (Abstract). Ann. Math. Statist. 23, 144.
Class.: No classification 1895
- TEICHER, H. (1954a). On the factorization of distributions. Ann. Math. Statist. 25, 769-774.
Review: MR 16(1955), 377
Users : Dwass, M. and Teicher, H. (1957), Ramachandran, B. (1961a), Edwards, C. B. (1962)
Class.: OBR-M:mi:G 1896
- TEICHER, H. (1954b). On the convolution of distributions. Ann. Math. Statist. 25, 775-778.
Review: MR 16(1955), 377
Users : Crow, E. L. (1958a), Teicher, H. (1960a), Teicher, H. (1961)
Class.: MI-P:mi:G 1897
- TEICHER, H. (1954c). On the multivariate Poisson distribution. Skand. Aktuarietidskr. 37, 1-9.
Review: MR 17(1956), 983
Users : Dwass, M. and Teicher, H. (1957), Edwards, C. B. and Gurland, J. (1960), Ahmed, M. S. (1961), Edwards, C. B. and Gurland, J. (1961),

- Edwards, C. B. (1962), Fuchs, C. E. and David, H. (1965a), Patil, G. P. and Bildikar, S. (1966a)
Class.: 1898
- TEICHER, H. (1955). An inequality on Poisson probabilities. Ann. Math. Statist. 26, 147-149.
Review: MR 17(1955), 722
Users : Samuels, S. M. (1964), Samuels, S. M. (1965)
Class.: P:mi:G 1899
- TEICHER, H. (1958). On the mixture of distributions. Tech. Rep. 1, Purdue Univ.
Class.: MI-COP:mi:G 1900
- TEICHER, H. (1960a). On the mixture of distributions. Ann. Math. Statist. 31, 55-73.
Users : Daniels, H. E. (1961), Teicher, H. (1961), Blischke, W. R. (1962), Teicher, H. (1963), Blischke, W. R. (1964), Lord, F. M. (1964), Patil, G. P. (1964), Blischke, W. R. (1965), Patil, G. P. (1966b)
Class.: MI-COP:mi:G 1901
- TEICHER, H. (1960b). Identifiability of mixtures. (Abstract). Ann. Math. Statist. 31, 243.
Class.: No classification 1902
- TEICHER, H. (1961). Identifiability of mixtures. Ann. Math. Statist. 32, 244-248.
Users : Blischke, W. R. (1962), Tucker, H. G. (1962a), Teicher, H. (1963), Tucker, H. (1963), Blischke, W. R. (1964), Patil, G. P. (1964), Robbins, H. (1964), Blischke, W. R. (1965)
Class.: B:mi:G 1903
- TEICHER, H. (1963). Identifiability of finite mixtures. Ann. Math. Statist. 34, 1265-2169.
Users : Blischke, W. R. (1964), Blischke, W. R. (1965)
Class.: MI-B:mi:G 1904
- TEICHER, H. and DWASS, MEYER (1957). See Dwass, Meyer and Teicher, H. (1957).
- TEICHROEW, G. (1955). Numerical analysis research unpublished statistical tables. J. Amer. Statist. Assoc. 50, 550-556.
Class.: M-P:tc:G 1905
- TEMAO, S. (1949). On the distribution of combined pedestrians. (Japanese). J. Appl. Phys. 18,
Class.: 1906
- THEDEEN, T. (1964). A note on the Poisson tendency in traffic distribution. Ann. Math. Statist. 35, 1823-1824.
Class.: 1907

- THIELE, T. N. (1931). The theory of observations. Ann. Math. Statist. 2, 165-308.
Users : Curtiss, J. H. (1941)
Class.: B:m1:G 1908
- THODAY, J. M., CATCHESIDE, D. G. and LEA, D. E. (1945-6). See Catcheside, D. G., Lea, D. E. and Thoday, J. M. (1945-6).
- THOMAS, H. A. JR. (1952). On averaging results of coliform tests. J. Boston Soc. Civil Engrs. 39, 253-270.
Users : Harris, E. K. (1958)
Class.: 1909
- THOMAS, J. B., GHENT, A. W. and FRASER, D. A. (1957). See Ghent, A. W., Fraser, D. A. and Thomas, J. B. (1957).
- THOMAS, M. (1949). A generalization of Poisson's binomial limit for use in ecology. Biometrika 36, 18-25.
Users : Anscombe, F. J. (1950a), Barnes, H. and Marshall, S. M. (1951), Barnes, H. and Stanbury, F. (1951), Johnson, N. L. (1951), Thomas, M. (1951), Cain, S. A. and Evans, F. C. (1952), Skellam, J. G. (1952), Thomson, G. W. (1952), Bliss, C. I. and Fisher, R. A. (1953), MacFadyen, A. (1953), David, F. N. and Moore, P. G. (1954), Moore, P. G. (1954b), Thompson, H. R. (1954), Barton, D. E. (1957), Pielou, E. C. (1957), Bliss, C. I. (1958), Hairston, N. G. (1959), Pruess, K. P. and Weaver, C. R. (1959), Waters, W. E. and Hensen, W. R. (1959), Katti, S. K. (1960d), Pielou, E. C. (1960), Cassie, R. M. (1962), Tsao, C. M. (1962)
Class.: T:mb-gf:BM 1910
- THOMAS, M. (1951). Some tests for randomness in plant populations. Biometrika 38, 102-111.
Users : Bennett, B. M. (1956) Nicholson, W. L. (1961)
Class.: T:tp-h:BM 1911
- THOMAS, R. E., ROBERTS, H. R. and MCCALL, C. H. JR. (1958). See Roberts, H. R., McCall, C. H. Jr. and Thomas, R. E. (1958).
- THOMISSEN, F. X. (1956). The frequency of industrial accidents. (Dutch summary). Statistica Neerlandica 10, 163-176.
Class.: 1912
- THOMPSON, CATHERINE M. (1941). Tables of percentage points of the incomplete beta-function. Biometrika 32, 151-181.
Review: BA 17(1943), Ab.No. 19512
Users : Scheffe, H. (1943-6), Sandelius, M. (1951c), Blom, G. (1954), Goodman, L. A. (1954), Patnaik, P. B. (1954), Crow, E. L. (1956), Leon, F. C., Haynam, G. E., Chu, J. T. and Topp, C. W. (1960)
Class.: B:tc:G 1913

- THOMPSON, H. R. (1954). A note on contagious distributions. Biometrika 41, 268-271.
Review: MR 16(1955), 54
Class.: NB-N-MI:mb:G 1914
- THOMPSON, H. R. (1956). Distribution of distance to nth neighbor in a population of randomly distributed individuals. Ecology 37, 391-394.
Users : Hairston, N. G. (1959), Waters, W. E. and Hensen, W. R. (1959)
Class.: P:h:BM 1915
- THOMPSON, H. R. (1958). The statistical study of plant distribution patterns using a grid of quadrats. Austral. J. Bot. 6, 322-343.
Users : Greig-Smith, P. (1961)
Class.: 1916
- THOMPSON, J. R. and THOMSON, G. H. (1915). See Thomson, G. H. and Thompson, J. R. (1915).
- THOMPSON, KEITH H. (1962). Estimation of the proportion of vectors in a natural population of insects. Biometrics 18, 568-578.
Class.: B:pe:BM 1917
- THOMSON, G. H. and THOMPSON, J. R. (1915). Outlines of a method for the quantitative analysis of writing vocabularies. Brit. J. Psychol. 8, 52-69.
Class.: MI:pe:L 1918
- THOMSON, G. W. (1952). Measures of plant aggregation based on contagious distributions. Contr. Lab. Vert. Biol. Univ. Mich. 53, 1-17.
Users : Bliss, C. I. and Fisher, R. A. (1953), Clark, P. J. and Evans, F. C. (1954a), Comita, G. W. and Comita, J. J. (1957), Hairston, N. G. (1959)
Class.: N-T:gf:BM 1919
- THORNDIKE, FRANCES (1926). Applications of Poisson's probability summation. Bell System Tech. J. 5, 604-624.
Users : Dandekar, V. M. (1955), Duker, S. (1955), Martin, L. (1961)
Class.: P:mi-gf:P-BM-E 1920
- THORNTON, H. G., MACKENZIE, W. A. and FISHER, R. A. (1922). See Fisher, R. A., Thornton, H. G. and MacKenzie, W. A. (1922).
- TIAGO DE OLIVEIRA, J. (1952a). Sur le calcul des moments de la réciproque d'une variable aléatoire positive de Bernouilli et Poisson. An. Fac. Ci. Porto 36, 165-168.
Review: MR 15(1954), 969
Class.: 1921
- TIAGO DE OLIVEIRA, J. (1952b). A note on a special case of inverse binomial sampling. Separata da revista 2(2), 111-114.

- Review: MR 14(1953), 995
Class.: G:pe-tp:G 1922
- TIAGO DE OLIVEIRA, J. (1952c). A note on a special case of inverse binomial sampling. Univ. Lisboa. Revista Fac. Ci. A 2(2), 111-114.
Review: MR 14(1953), 995
Class.: G:pe-tp:G 1923
- TIAGO DE OLIVEIRA, J. (1952d). Tests for the equality of proportions in a multinomial population. Separata da Revista 2(2), 197-200.
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: M:tp:G 1924
- TIAGO DE OLIVEIRA, J. (1954a). Composite distributions. Their application to ecology. (Portuguese). Ciência (Lisboa) 4(9-10), 81-87.
Class.: MI:mb:BM 1925
- TIAGO DE OLIVEIRA, J. (1954b). Composite distributions and its application to some ecological problems. Separata da Revista 3(2), 171-175.
Review: MR 16(1955), 153
Class.: MI:mb:BM 1926
- TIAGO DE OLIVEIRA, J. (1965). Some elementary tests for mixtures of discrete distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 379-384.
Class.: MI-P:tp:G 1927
- TIKKHA, R. N. (1962). Persistence probability of the spells of hot and cold days at Gorakhpur. Agra Univ. J. Res. 10, 69-79.
Class.: MI:mi:P 1928
- TIKU, M. L. (1964). A note on the negative moments of a truncated Poisson variate. J. Amer. Statist. Assoc. 59, 1220-1224.
Class.: 1929
- TINER, J. D. (1954). The fraction of *Peromyscus leucopus* fatalities caused by racoon ascarid larvae. J. Mammalogy 35, 589-592.
Class.: 1930
- TIPPETT, L. H. C. (1932). A modified method of counting particles. Proc. Roy. Soc. Ser. A 137(832), 434-446.
Review: BA 9(1935), Ab.No. 4474
Users : Thomas, M. (1949), Moore, P. G. (1952), Rider, P. R. (1953), Cohen, A. C. (1954), Moore, P. G. (1954a), Murakami, M., Asai, A. and Kawamura, M. (1954), Wadley, F. M. (1954), Moore, P. G. (1956b), Tate, R. F. and Goen, R. L. (1958), Patil, G. P. (1959), Patil, G. P. (1961b), Hughes, E. J. (1962)
Class.: 1931

- TIPPETT, L. H. C. (1955). Statistical methods in textile research, uses of the binomial and Poisson distributions. J. Textile Inst. 26, T13-T50.
Class.: B-P:mi:E 1932
- TIPPETT, L. H. C. (1958). A guide to acceptance sampling. Appl. Statist. 7, 133-148.
Users : Hald, A. (1960)
Class.: B:sqc:E 1933
- TOCHER, K. D. (1950). Extension of Neyman-Pearson theory of tests to discontinuous variates. Biometrika 37, 130-144.
Review: MR 12(1951), 193
Users : Pearson, E. S. (1950), Lancaster, H. O. (1952), Birnbaum, A. (1953), Birnbaum, A. (1954b), David, F. N. (1955a), Stevens, W. L. (1957), Blyth, C. R. and Hutchinson, D. W. (1960), Burkholder, D. L. (1960), Ellner, H. (1963)
Class.: MI-B-P:tp-ctp:G 1934
- TOPP, C. W., LEONE, F. C., HAYMAN, G. E. and CHU, J. P. (1960). See Leone, F. C., Hayman, G. E., Chu, J. T. and Topp, C. W. (1960).
- TOULMIN, G. H. and GOOD, I. J. (1956). See Good, I. J. and Toulmin, G. H. (1956).
- TRAWINSKI, B. J. (1965). General form of the probability function associated with paired-comparison experiments. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 459-464.
Class.: MI:mi:G 1935
- TRIPP, CLARENCE A., WEINBERG, GEORGE H. and FLUCKIGER, FRITZ A. (1960). See Weinberg, George H., Fluckiger, Fritz A. and Tripp, Clarence A. (1960).
- TRITTER, A. L., FREIMER, M. and GOLD, B. (1959). See Freimer, M., Gold, B. and Tritter, A. L. (1959).
- TRUCCO, ERNESTO (1957). Note on a combinatorial problem. Bull. Math. Biophys. 19(4), 309-336.
Review: BA 32(1958), Ab.No. 18471
Class.: MI:mi:G 1936
- TRUESDELL, C. (1947). A note on the Poisson-Charlier functions. Ann. Math. Statist. 18, 450-454.
Class.: P:mi:G 1937
- TRYBULA, S. (1957). On a problem of prognosis. (Russian summary). Bull. Acad. Polon. Sci. III 5, 859-862.
Review: MR 19(1958), 991
Class.: 1938

- TRYBULA, S. (1958a). Some problems of simultaneous minimax estimation. Ann. Math. Statist. 29, 245-253.
Review: MR 20(1959), 64
Class.: MH-M:pe:G 1939
- TRYBULA, S. (1958b). O minimaksowej estymacji parametrów w rozkładzie wielomianowym. Zastos. Mat. 3, 307-322.
Review: MR 21(1960), 75
Class.:
Notes: English translation; On the minimax estimation of the parameters in a multinomial distribution. Selected Translations Math. Statist. and Prob. 3, (1962), 1940
- TRYBULA, S. (1962). On the minimax estimation of the parameters in a multinomial distribution. Selected Translations Math. Statist. and Prob. 3, 225-238.
Review: MR 27(1964), 829
Class.: 1941
- TSAO, C. K. (1956). Distribution of the sum in random samples from a discrete population. Ann. Math. Statist. 27, 703-712.
Users: Govindarajulu, Z. (1965)
Class.: MI:tc:G 1942
- TSAO, C. K. (1965a). A moment generating function of the hypergeometric distributions. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 79-108.
Class.: MH-III:m:G 1943
- TSAO, C. K. (1965b). Distribution of the product in random samples from a finite population. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 427-436.
Class.: MI:os-tc:G 1944
- TSAO, C. M. (1962). A general class of discrete distributions and mixtures of distributions. Ph. D. Thesis, Univ. Oregon.
Class.: No classification 1945
- TSAREGRADSKII, I. P. (1958). See Caregradskii, I. P. (1958).
- TUCKER, H. (1955). Tests of contagion and time effect in accident proneness. (Abstract). Ann. Math. Statist. 26, 162.
Class.: No classification 1946
- TUCKER, H. G. (1963a). An estimate of the compounding distribution of a compound Poisson distribution. Theor. Probability Appl. 1, 195-200.
Users: Haight, F. (1965a)
Class.: COP:pe:G 1947

- TUCKER, H. G. (1963b). An estimate of the compounding distribution of a compound Poisson distribution. (Russia summary). Ieor. Veroyatnost i Primenen 8, 211-216.
Review: MR 27(1964), 828
Class.: COP:pe:G 1948
- TUCKER, H. G. and STRATTON, H. H. JR. (1964). See Stratton, H. H. Jr. and (1964).
- TUFO, THOMAS (1953). Approximations to the hypergeometric by the binomial and to the binomial by Poisson. Master's Thesis, Florida State Univ.
Users : Govindarajulu, Z. (1965)
Class.: No classification 1949
- TUKEY, JOHN W. (1949a). Moments of random group size distributions. Ann. Math. Statist. 20, 523-539.
Class.: B-P:mb-m:P-BM 1950
- TUKEY, J. W. and FREEMAN, M. F. (1950). See Freeman, M. F. and Tukey, J. W. (1950).
- TUKEY, JOHN W. and MOSTELLER, F. (1949). See Mosteller, F. and Tukey, John W. (1949).
- TUMANYAN, S. H. (1955). Asymptotic investigation of the multinomial probability distribution. (Russian. Armenian summary). Akad. Nauk Armjan. SSR. Dokl. 20, 65-74.
Review: MR 17(1956), 47
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: 1951
- TURNER, F. M. and CHAMBERLAIN, A. C. (1952). See Chamberlain, A. C. and Turner, F. M. (1952).
- TURNER, M. E. and EADIE, G. S. (1957). The distribution of red blood cells in the hemacytometer. Biometrics 13, 485-495.
Users : Hamaker, H. C. (1958)
Class.: B-P-M:mb:BM 1952
- TURNER, M. E. and HAM, W. T. JR. (1960). Target theory. Pre-print 3, Dept. of Biophys. and Biometry, Medical College of Virginia, Richmond, Va., pp. 9.
Class.: P-NB:mb-pe:BM 1953
- TWEEDIE, M. C. K. (1945). Inverse statistical variates. Nature 155, 453.
Users : Barnard, G. A. (1946), Tweedie, M.C.K. (1946), Tweedie, M.C.K. (1947), Anscombe, F. J. (1949b), Sandelius, M. (1951a), Tweedie, M.C.K. (1952), Tweedie, M.C.K. (1956), deGroot, M. H. (1959), Nadler, J. (1960), Wason, M. I. (1965)
Class.: B-NB:osp:G 1954

- TWEEDIE, M. C. K. (1946). The regression of the sample variance on the sample mean. J. London Math. Soc. 21, 22-28.
Users : Tweedie, M.C.K. (1965)
Class.: MI:osp:G 1955
- TWEEDIE, M. C. K. (1947). Functions of a statistical variate with given means, with special reference to Laplacian distributions. Proc. Cambridge Philos. Soc. 43, 41-49.
Users : Lehmann, E. L. and Stein, C. (1949), Tweedie, M.C.K. (1952), Tweedie, M.C.K. (1956), Gart, J. J. (1959), Bardwell, G. E. and Crow, E. L. (1964), Govindarajulu, Z. (1965), Tweedie, M.C.K. (1965)
Class.: PS:osp:G 1956
- TWEEDIE, M. C. K. (1952). The estimation of parameters from sequentially sampled data on a discrete distribution. J. Roy. Statist. Soc. Ser. B 14, 238-245.
Users : Mosimann, J. E. (1963), Tweedie, M.C.K. (1965)
Class.: MI:se:G 1957
- TWEEDIE, M. C. K. (1953). The covariances of frequencies from a multinomial distribution under a sequential sampling rule. (Abstract). Ann. Math. Statist. 24, 142.
Class.: No classification 1958
- TWEEDIE, M. C. K. (1956). Some statistical properties of inverse Gaussian distributions. Virginia J. Sci. N.S. 7, 160-165.
Users : Tweedie, M.C.K. (1965)
Class.: 1959
- TWEEDIE, M. C. K. (1965). Further results concerning expectation-inversion technique. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 195-218.
Class.: PS-B-P-NB-TCP:pe-a-osp:G 1960
- U -
- UNGAR, PETER (1960). The cutoffpoint for group testing. Comm. Pure Appl. Math. 13, 49-54.
Review. MR 22(1961), 352
Class.: MI:mi:G 1961
- UNITED STATES ARMY ORDNANCE CORPS. (1952). Tables of the cumulative binomial probabilities. Pamphlet ORDP 20-1, Office Tech. Services, Dept. Commerce, Order No. PB111389, Washington D. C.
Users : Crow, E. L. (1956)
Class.: 1962
- UPHOLT, W. M. (1942). The use of the square root transformation and analysis of variance with contagious distributions. J. Econ. Ent. 35, 536-543.
Review: BA 17(1943), Ab.No. 8054
Class.: 1963

- UPHOLT, W. M. (1944). The power of the analysis of variance with the Poisson distribution. J. Econ. Ent. 37, 717.
Class.: 1964
- UPHOLT, W. M. and CRAIG, R. (1940). A note on the frequency distribution of black scale insects. J. Econ. Ent. 33, 113-114.
Users: Subrahmaniam, K. (1964)
Class.: 1965
- URBANIK, K. (1956). Remarks on the maximum number of bacteria in a population. (Polish. Russian and English summaries). Zastos. Mat. 2, 341-348.
Class.: 1966
- URBANIK, K. (1958). Poisson distributions on compact topological groups. Colloq. Math. 6, 13-24.
Review: MR 21(1960), 553
Class.: P-COP:osp:G 1967
- URBANIK, K. and FISZ, M. (1955). See Fisz, M. and Urbanik, K. (1955).
- URBANIK, K. and FISZ, M. (1956). See Fisz, M. and Urbanik, K. (1956).
- URBANIK, K. and STEINHAUS, H. (1959). See Steinhaus, H. and Urbanik, K. (1959).
- USAI, G. (1950). Valor medio della potenza di una variabile casuale nel problema delle prove ripetute. Atti Accad. Gioenia Catania 6(8), 1-7.
Review: MR 12(1951), 190
Class.: 1968
- USPENSKY, J. V. (1931). On Ch. Jordan's series for probability. Ann. of Math. 32, 306-312.
Class.: 1969
- UTIDA, S. (1950). On the equilibrium state of the interacting population of an insect and its parasite. Ecology 31, 165-175.
Class.: MI:mi:BM 1970
- UTIDA, SYNPRO, YOSIDA, TOSIHARU, WATANABE, SYOZI and KONO, TATSURO. (1952).
See Kono, Tatsuro, Utida, Synpro, Yosida, Toshiharu, Watanabe, Syozi (1952).
- V -
- VAGHOLKAR, M. K. (1959). The process curve and the equivalent mixed binomial with two components. J. Roy. Statist. Soc. Ser. B 21, 63-66.
Users: Vagholkar, M. and Wetherill, G. (1960), Blischke, W. R. (1965)
Class.: COB:sqc:E 1971

- VAGHOLKAR, M. K. and WETHERILL, G. B. (1960). The most economical binomial sequential probability ratio test. Biometrika 47, 103-109.
Class.: B:tp:G 1972
- VAJANI, L. (1954). L'interpretazione della distribuzione delle malattie nei caseggiati mediante gli schemi di Yule e Polya. Bull. Inst. Internat. Statist. 34(3), 406-412.
Class.: 1973
- VAN DER WAERDEN, B. L. (1939). Vertrauensgrenzen für unbekannte Wahrscheinlichkeiten. Ber. Verh. Sächs. Akad. Wiss. Leipzig 91, 215-228.
Review: MR 1(1940), 249
Class.: 1974
- VAN DER WAERDEN, B. L. (1960). Sampling inspection as a minimum loss problem. Ann. Math. Statist. 31, 369-384.
Class.: P:sqc:E 1975
- VAN EEDEN, C. (1955). A sequential test with three possible decisions for comparing two unknown probabilities, based on groups of observations. Rev. Inst. Internat. Statist. 23, 20-28.
Review: MR 18(1957), 243
Class.: 1976
- VAN EEDEN, CONSTANCE (1965). Conditional limit distributions for the entries in a $2 \times k$ contingency table. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 123-126.
Class.: MH-M-B-P:a:G 1977
- VAN KLINKEN, J. (1959). On some estimation problems with regard to the Poisson-distribution and the χ^2 -minimum method. Mitt. Verein. Schweiz. Versich.-Math. 59, 297-306.
Review: MR 22(1961), 183
Class.: 1978
- VAN KLINKEN, J. and PRINS, H. J. (1954). Survey of testing and estimation methods with respect to the Poisson distribution. (Dutch). Math. Centrum Amsterdam. Statist. Afdeling Rap. S133, 1-77.
Review: MR 16(1955), 383
Class.: 1979
- VAN VEEN S, C. and BOTTEMA, O. (1943). See Bottema, O. and vanVeen, S. C. (1943).
- VAN WIJNGAARDEN, A. (1950). Table of the cumulative symmetric binomial distribution. Nederl. Akad. Wetensch. Proc. Ser. A 53, 857-868.
Class.: 1980

- VAN WORMER, T. A. and SIMON, H. A. (1963). See Simon, H. A. and van Wormer, T. A. (1963).
- VARANGOT, V. (1947). Een eenvoudige Afleiding van de Verdeeling van Poisson. Statistica Neerlandica 1, 161.
Class.: 1981
- VARLEY, G. C. and FINNEY, D. J. (1955). See Finney, D. J. and Varley, G. C. (1955).
- VASILAS, J. N., PETERSON, R. O. and FITZPATRICK, R. (1953). See Fitzpatrick, R., Vasilas, J. N. and Peterson, R. O. (1953).
- VASUDEVAN, R. and RAMAKRISHNAN, A. (1957). See Ramakrishna, A. and Vasudevan, R. (1957).
- VAULOT, A. E. (1931). Application du calcul des probabilités a l'exploitation téléphonique: Formule de Poisson et applications. Rev. Gen. Electr. 30, 173-175.
Class.: 1982
- VIDWANS, S. M. (1964). A note on the negative binomial distribution. Biometrika 51, 264-265.
Users : Haight, F. (1965b)
Class.: 1983
- VOGEL, WALTER (1960). Ein Irrfahrten-Problem und seine Anwendung auf die Theorie der sequentiellen Versuchs-Pläne. Arch. Math. 11, 310-320.
Review: MR 22(1961), 695
Class.: 1984
- VON BORTKIEWICZ, L. (about 1917). Die Iterationen
Class.: 1985
Notes : English translation; Iterations. (In modern terminology, "Runs")
- VON MISES, R. (1939). An inequality for the moments of a discontinuous distribution. Skand. Aktuarietidskr. 22, 32-36.
Review: MR 1(1940), 22
Class.: 1986
- VON SCHELLING, H. (1942). Eine Formel für die Teilsummen gewisser hypergeometrischer Reihen und deren Bedeutung für die Wahrscheinlichkeitstheorie. Naturwissenschaften 30, 757-758.
Review: MR 7(1946), 128
Users : vonSchelling, H. (1949a)
Class.: 1987
- VON SCHELLING, H. (1949a). A formula for the partial sums of some hypergeometric series. Ann. Math. Statist. 20, 120-122.
Users : vonSchelling, H. (1950)
Class.: MI:mb-osp:G 1988

VON SCHELLING, H. (1949b). Coupon collecting for unequal probabilities.
Amer. Math. Monthly 56, 306-311.
Class.: 1989

VON SCHELLING, H. (1950). A second formula for the partial sum of hypergeometric series having unity as the fourth argument. Ann. Math. Statist. 21,
Class.: MI:c:G 458-460, 1990

VON SCHELLING, H. (1951). Distribution of the ordinal number of simultaneous events which last during a finite time. Ann. Math. Statist. 22, 452-455.
Class.: MI:mb-m-a:G 1991

VON SCHELLING, H. and GUMBEL, E. J. (1950). See Gumbel, E. J. and vonSchelling, H. (1950).

- W -

WADLEY, F. M. (1943). Statistical treatment of percentage counts. Science 98,
536-538.
Review: SA 47A(1944), Ab.No. 1005
Class.: P:pe:BM 1992

WADLEY, F. M. (1945). An application of the Poisson series to some problems of enumerations. J. Amer. Statist. Assoc. 40, 85-92.
Users : Wadley, F. M. (954
Class.: P:gf-h:BM 1993

WADLEY, F. M. (1950). Notes on the form of distribution of insect and plant populations. Ann. Ent. Soc. America 43, 581-586.
Users : Bliss, C. I. and Fisher, R. A. (1953), Wadley, F. M. (1954),
Waters, W. (1959)
Class.: P-N-NB:gf:BM 1994

WADLEY, F. M. (1954). Limitations of the 'zero method' of population counts. Science 119, 689-690.
Users : Wood, J., Davis, D. and Komarek, E. (1958)
Class.: P:pe:BM 1995

WALFORD, L. A. and WINSOR, C. P. (1936). See Winsor, C. P. and Walford, L. A. (1936).

WALKER, A. M. (1950). Sequential sampling formulae for a binomial population. J. Roy. Statist. Soc. Ser. B 12, 301-307.
Review: MR 14(1953), 569
Class.: B:tp:G 1996

WALKER, M. G. (1942). A mathematical analysis of the distribution in maize of *Heliothis armigera* Hbn. Canad. J. Res. D 20, 235-261.
Users : Waters, W. E. and Hensen, W. R. (1959)
Class.: 1997

- WALKER, T. J. JR. (1957). Ecological studies of the arthropods associated with certain decaying materials in four habitats. Ecology 38, 262-276.
Class.: B:tp:BM 1998
- WALLACE, DAVID L. (1959). Conditional confidence level properties. Ann. Math. Statist. 30, 864-876.
Users : Pratt, J. W. (1961)
Class.: B-P:ie:G 1999
- WALLACE, DAVID L. and MOSTELLER, F. (19). See Mosteller, F. and Wallace, David L. (19).
- WALLACE, DAVID L. and MOSTELLER, F. (1963). See Mosteller, F. and Wallace, David, L. (1963).
- WALLINGTON, P. A. and SHENTON, L. R. (1962). See Shenton, L. R. and Wallington, P. A. (1962).
- WALLIS, W. ALLEN (1936). The Poisson distribution and the supreme court. J. Amer. Statist. Assoc. 31, 376-380.
Class.: P:gf:O 2000
- WALSH, J. E. (1952). Large-sample validity of the binomial distribution for lives with unequal mortality rates. Skand. Aktuarietidskr. 35, 11-15.
Users : Walsh, J. E. (1955c), Walsh, J.E. (1956), Eisenberg, H. B., Geoghagen, R. M. and Walsh, J. E. (1962), Eisenberg, H. B., Geoghagen, R. M. and Walsh, J. E. (1963)
Class.: B:mi:BM 2001
- WALSH, J. E. (1953a). Actuarial validity of the binomial distribution for large numbers of lives with small mortality probabilities. (Abstract). Ann. Math. Statist. 24, 681.
Class.: No classification 2002
- WALSH, J. E. (1953b). The Poisson distribution as a limit of dependent binomial distributions with unequal probabilities. (Abstract). Ann. Math. Statist. 24, 689.
Users : Govindarajulu, Z. (1965)
Class.: No classification 2003
- WALSH, J. E. (1954). Analytic tests and confidence intervals for the mean value, probabilities, and percentage points of a Poisson distribution. Sankhya 14, 25-38.
Review: MR 16(1955), 383
Users : Walsh, J. E. (1955b), Crow, E. L. (1959)
Class.: P:tp-ie:G 2004
- WALSH, J. E. (1955a). Approximate probability values for observed number of successes from statistically independent binomial events with unequal probabilities. (Abstract). Ann. Math. Statist. 26, 162.
Class.: No classification 2005

- WALSH, J. E. (1955b). The Poisson distribution as a limit for dependent binomial events with unequal probabilities. J. Operations Res. Soc. America 3, 198-209.
Review: MR 16(1955). 938
Users : Fitzpatrick, R. (1958)
Class.: B-P:a:G-S-E 2006
- WALSH, J. E. (1955c). Approximate probability values for observed number of "successes" from statistically independent binomial events with unequal probabilities. Sankhya 15, 281-290.
Users : Patil, G. P. (1959), David, H. A. (1960), Eisenberg, H. B., Geoghagen, R. M. and Walsh, J. E. (1962), Eisenberg, H. B., Geoghagen, R. M. and Walsh, J.E. (1963)
Class.: B:tp-ie:G 2007
- WALSH, J. E. (1956). Actuarial validity of the binomial distribution for large numbers of lives with small mortality probabilities. Skand. Aktuarietidskr. 39, 39-46.
Class.: B:mi:BM 2008
- WALSH, J. E. (1962). Bounded probability properties of Kolmogorov-Smirnov and similar statistics for discrete data. SP-848, Systems Development Corp., California pp. 7.
Class.: MI:ie-ctp:G 2009
- WALSH, J. E., EISENBERG, H. B. and GEOGHAGEN, R. R. M. (1962). See Eisenberg, H. B., Geoghagen, R. R. M. and Walsh, J. E. (1962).
- WALSH, J. E., EISENBERG, H. B. and GEOGHAGEN, R. R. M. (1963). See Eisenberg, H. B., Geoghagen, R.R.M. and Walsh, J. E. (1963).
- WANI, J. K. and PATIL, G. P. (1965). See Patil, G. P. and Wani, J. K. (1965).
- WARREN, WILLIAM G. (1962). Contributions to the study of spatial point processes. Ph. D. Thesis, Univ. North Carolina.
Class.: No classification 2010
- WASAN, M. T. (1962). Minimax estimate of an inverse-binomial parameter. (Abstract). Ann. Math. Statist. 33, 1501.
Class.: No classification 2011
- WASAN, M. T. (1963). Sequential optimum procedures for unbiased estimation of a binomial parameter. (Abstract). Ann. Math. Statist. 34, 1129-1130.
Class.: No classification 2012
- WASAN, M. T. (1964). Sequential optimum procedures for unbiased estimation of a binomial parameter. Technometrics 6, 259-271.
Class.: B:se:G 2013
- WASAN, M. T. (1965a). Asymptotic normality of binomial sequential stopping rules. (Abstract). Ann. Math. Statist. 36, 1609.
Class.: No classification 2014

WASAN, M. T. (1965b). Sequential estimation of a binomial parameter. Classical and Contagious Discrete Distributions, Ed. G. P. Patil, Statistical Publishing Society, Calcutta and Pergamon Press, pp. 263-272.

Class.: B:se:G

2015

WATANABE, H. (1956). On the Poisson distribution. J. Math. Soc. Japan 8, 127-134.

Review: MR 19(1958), 70

Class.: P:a:G

2016

WATANABE, SYOZI, KONO, TATSURO, UTIDA, SYNPRO and YOSIDA, TOSIHARU (1952). See Kono, Tatsuro, Utida, Synpro, Yosida, Toshiharu and Watanabe, Syozi, (1952).

WATANABE, Y. (1954). Bimodal distributions. J. Gakugei Tokushima Univ. 5, 29-38.

Class.:

2017

WATERS, W. E. (1955). Sequential sampling in forest insect surveys. Forest Sci. 1, 68-79.

Users: Bliss, C. I. (1958), Bliss, C. I. and Owen, A.R.G. (1954)

Class.: B-NB-P:tp:BM

2018

WATERS, W. E. (1958). The ecological significance of aggregated distributions with special reference to forest insects. PH. D. Thesis, Yale Univ.

Class.: No classification

2019

WATERS, W. E. (1959). A quantitative measure of aggregation in insects. J. Econ. Ent. 52, 1180-1184.

Class.:

2020

WATERS, W. E. (1964). The ecological significance of aggregation in forest insects. Proc. 11th Internat. Congr. Ent., Vienna, 1960.

Class.:

2021

WATERS, W. E. and HENSEN, W. R. (1959). Some sampling attributes of the negative binomial distribution with special reference to forest insects. Forest Sci. 5, 397-412.

Class.: NB:gf-mi:BM

2022

WATSON, G. S. (1965). The distribution of organisms. Biometrics 21, 543-550.

Class.:

2023

WATSON, G. S. and LEADBEITER, M. R. (1963). On the estimation of the probability density, I. Ann. Math. Statist. 34, 480-491.

Class.: MI-G-P:mi:G

2024

WATT, K. E. F. (1956). The choice and solution of mathematical models for predicting and maximizing the yield of a fishery. J. Fisheries Res. Board Canad. 13, 613-645.

Class.:

2025

- WEAVER, C. R. and PRUESS, K. P. (1959). See Pruess, K. P. and Weaver, C. R. (1959).
- WEBB, W. B. and JONES, E. R. (1953). Some relations between two statistical approaches to accident proneness. Psychol. Bull. 50, 133-136.
Users: Fitzpatrick, R. (1958)
Class.: P-MP:cm:A 2026
- WEBER, ERNA (1958-59). Das Ergebnis-Folge-Verfahren (Sequenzanalyse). Grundlagen und Anwendungen. (1. Fortsetzung). (Russian, English and French summaries). Wiss. Z. Humboldt-Univ. Berlin Math.-Nat. Reihe 8, 519-534.
Review: MR 22(1961), 1964
Class.: 2027
- WEINBERG, GEORGE H., FLUCKIGER, FRITZ A. and TRIPP, CLARENCE A. (1960). A proposed variation of the matching technique. Psychometrika 25, 291-295.
Class.: 2028
- WEIBULL, C. (1958). The distribution of reciprocal choices in sociometric tests. Stat. Inst. Univ. Gothenburg, Publ. 1958, #4, pp. 16.
Review: MR 20(1959), 1105
Class.: 2029
- WEIDA, FRANK M. (1935). On certain distribution functions when the law of the universe is Poisson's first law of error. Ann. Math. Statist. 6, 102-110.
Class.: 2030
- WEILER, H. (1965). The use of incomplete beta functions for prior distributions in binomial sampling. Technometrics 7, 335-347.
Class.: 2031
- WEINER, S., ANDERSON, R. L., BINET, F. E. and LESLIE, R. T. (1956). See Binet, F. E., Leslie, R. T., Weiner, S. and Anderson, R. L. (1956).
- WEINTRAUB, SOL (1962). Cumulative binomial probabilities. J. Assoc. Comput. Mach. 9, 405-407.
Review: MR 27(1964), 819
Class.: B:c:G 2032
- WEINTRAUB, SOL (1963). Table of the cumulative binomial probability distribution for small values of p. Free Press of Glencoe (New York) Collier-MacMillan (London).
Class.: No classification 2033
- WEISS, IRVING (1958). Limiting distributions in some occupancy problems Ann. Math. Statist. 29, 878-884.
Users: Jones, N. L. (1959), Govindarajulu, Z. (1965)
Class.: 2034

- WEISS, LIONEL (1962). A sequential test of the equality of probabilities in a multinomial distribution. J. Amer. Statist. Assoc. 57, 769-774.
Class.: M:tp:G 2035
- WELCH, R. W. (1959). Some properties of the negative multinomial distribution.
Master's Thesis, Pennsylvania State Univ.
Class.: No classification 2036
- WESLER, OSCAR (1959). A classification problem involving multinomials. Ann. Math. Statist. 30, 128-133.
Review: MR 21(1960), 837
Class.: M:tp:G 2037
- WESTOFF, CHARLES F., POTTER, ROBERT G. JR. and SAGI, PHILIP C. (1962). See Potter, Robert G. Jr., Sagi, Philip C. and Westoff, Charles F. (1962).
- WESTWOOD, J. C. N., PHIPPS, P. H. and BOULIER, E. A. (1957). The titration of vaccinia virus on the chorioallantoic membrane of the developing chick embryo. J. Hyg., Camb. 55, 123-139.
Class.: 2038
- WETHERILL, G. B. (1960a). Some remarks on the Bayesian solution of the single sample inspection scheme. Technometrics 2, 341-352.
Review: MR 22(1961), 1032
Users : Samuel, E. (1963)
Class.: COB:sgc:E 2039
- WETHERILL, G. B. and VAGHOLKAR, M. K. (1960). See Vagholkar, M. K. and Wetherill, G. B. (1960).
- WETTE, R. (). Zur biometrischen Begründung der Verteilung der elemente taxonomischer einheiten des natürlichen systems in einer logarithmischen reihe. Biomath. Abt., Zoologischen Inst., Univ. Heidelberg.
Class.: 2040
- WHEELER, R. E. (1956). A variable probability distribution function. Ann. Math. Statist. 27, 196-199.
Review: MR 17(1956), 863
Class.: OBR:mb:G 2041
- WHISLER, B. F., MOSHER, W. W. JR. and HAIGHT, FRANK A. (1961). See Haight, Frank A., Whisler, B. F. and Mosher, W. W. Jr. (1961).
- WHITAKER, LUCY (1914-15). On the Poisson law of small numbers. Biometrika 10, 36-71.
Users : Cole, L. C. (1946), Binet, F. E. (1953), Bliss, C. I. and Fisher, R. A. (1953), Dandekar, V. M. (1955), Turner, M. E. and Eadie, G. S. (1957), Jensen, P. (1959), Waters, W. E. and Hensen, W. R. (1959), Bardwell, G. E. (1961)
Class.: P:gf:G 2042

- WHITE, G. M. (1959). Electronic probability generator. Rev. Sci. Instrum. 30, 825-829.
Review: SA 52A(1959), Ab.No. 11712
Class.: 2043
- WHITE, ROBERT F. and GRACA, JOSEPH G. (1958). Multinomially grouped response times for the quantal response bioassay. Biometrics 14, 462-488.
Class.: 2044
- WHITE, ROBERT P. and GREVILLE, T. N. E. (1959). On computing the probability that exactly k of n independent events will occur. Soc. Actuar. Trans. 11, 88-99.
Review: MR 21(1960), 1233
Class.: MI:c:G 2045
- WHITEFORD, P. B. (1949). Distribution of woodland plants in relation to succession and clonal growth. Ecology 30, 199-208.
Users : Curtis, J. and McIntosh, R. (1950), Cain, S. A. and Evans, F. C. (1952), Thomson, G. W. (1952), Bray, J. R. (1962)
Class.: P:h:BM 2046
- WHITIN, T. M. and HADLEY, G. (1961). See Hadley, G. and Whitin, T. M. (1961).
- WHITLOCK, S. C. and EBERHARDT, L. (1956). Large-scale dead deer surveys: methods, results and management implications. Trans. N. Amer. Wildlife Conf. 21, 555-566.
Class.: 2047
- WHITTAKER, J. M. (1937). The shot effect for showers. Proc. Cambridge Philos. Soc. 33, 451-458.
Class.: 2048
- WHITTAKER, R. H. (1952). A study of summer foliage insect communities in the Great Smoky Mountains. Ecol. Monogr. 22, 1-44.
Class.: LS-MI:mi:BM 2049
- WHITTAKER, R. H. (1956). Vegetation of the Great Smoky Mountains. Ecol. Monogr. 26, 1-80.
Class.: B:mi:BM 2050
- WHITTAKER, R. H. and FAIRBANKS, C. W. (1958). A study of plankton copepod communities in the Columbia Basin, southeastern Washington. Ecology 39, 46-65.
Users : Hairston, N. G. (1959)
Class.: MI:mi:BM 2051
- WHITTLE, P. (1959). Quadratic forms in Poisson and multinomial variables. J. Austral. Math. Soc. 1, 233-240.
Class.: 2052

- WHITTLESBY, JOHN R. B. (1963). Incomplete gamma functions for evaluating Erlang process probabilities. Math. Comp. 17, 11-17.
Class.: 2053
- WHITILESEY, JOHN R. B. and HAIGHT, FRANK A. (1961-62). Counting distributions for an Erlang process. Ann. Inst. Statist. Math. 13, 91-103.
Review: MR 25(1963), 698
Users: Haight, F. (1965b)
Class.: 2054
- WIDRIG, T. M. and HOLMES, R. W. (1956). See Holmes, R. W. and Widrig, T. M. (1956).
- WIID, A. J. B. (1957-8). On the moments and regression equations of the four-fold negative and fourfold negative factorial binomial distributions. Proc. Roy. Soc. Edinburgh Sec. A 65, 29-34.
Users: Bennett, B. M. (1962)
Class.: MNB-MIH:m-osp:G 2055
- WIID, A. J. B. and STEYN, H. S. (1956). Uitbreidings van die Binomial en Faktoriaal-Binomiale stellingen. Iyd Kr. Wet. Kuns. 16, 210-217.
Class.: 2056
- WIID, A. J. B. and STEYN, H. S. (1958). See Steyn, H. S. and Wiid, A. J. B. (1958).
- WIJNGAARDEN, A. and KAARSEMAKER, L. (1952). See Kaarsemaker, L. and Wijngaarden, A. (1952).
- WILENSKI, H. and PRZYBOROWSKI, J. (1935). See Przyborowski, J. and Wilenski, H. (1935).
- WILENSKI, H. and PRZYBOROWSKI, J. (1939). See Przyborowski, J. and Wilenski, H. (1939).
- WILKINSON, G. N. (1961). Note: Estimation of proportion from zero-truncated binomial data. Biometrics 17, 153-159.
Class.: TCB:pe:G-BM 2057
- WILKINSON, R. I. (1942). The combination of probability curves in engineering. Trans. Amer. Inst. Elect. Engrs. 61, 953-963.
Review: SA 47A(1944), Ab.No. 324
Class.: 2058
- WILKS, S. S. (1938). Shortest average confidence intervals from large samples. Ann. Math. Statist. 9, 166-175.
Class.: 2059
- WILKS, S. S. and DALY, J. F. (1939). An optimum property of confidence regions associated with the likelihood function. Ann. Math. Statist. 10, 225-235.
Class.: 2060

- WILLIAMS, C. B. (1944a). The numbers of publications written by biologists. Ann. Eugenics 12, 143-146.
 Users : Riddell, W.J.B. (1944), Williams, C. B. (1947b), Kendall, D. G. (1948), Williams, C. B. (1954), Patil, G. P. (1959), Patil, G. P. (1962b), Nelson, W. C. and David, H. A. (1964),
 Class.: G-LS:gf:O 2061
- WILLIAMS, C. B. (1944b). Some applications of the logarithmic series and the index of diversity to ecological problems. J. Ecol. 32, 1-44.
 Users : Harrison, J. L. (1943), Williams, C. B. (1947), Williams, C. B. (1947b), Williams, C. B. (1947c), Ashby, E. (1948), Kendall, D. G. (1948), Quenouille, M. H. (1949), Williams, C. B. (1949), Anscombe, F. J. (1950a), Bliss, C. I. and Fisher, R. A. (1953), Brian, M. V. (1953), Myers, E. and Chapman, V. (1953), Williams, C. B. (1953), Hairston, N. G. (1959), Patil, G. P. (1962b), Siromoney, G. (1962), Tsao, C. M. (1962), Clark, P. J., Eckstrom, P. T. and Linden, L. C. (1964), Nelson, W. C. and David, H. A. (1964), Patil, G. P. and Wani, J. K. (1965)
 Class.: LS:gf:BM 2062
- WILLIAMS, C. B. (1947a). The generic relations of species in small ecological communities. J. Animal Ecol. 16, 11-18.
 Users : Williams, C. B. (1947b), Williams, C. B. (1949), Bagenal, T. B. (1951), Williams, C. B. (1954), Hairston, N. G. (1959), Nelson, W. C. and David, H. A. (1964)
 Class.: 2063
- WILLIAMS, C. B. (1947b). The logarithmic series and its application to biological problems. J. Ecol. 34, 253-272.
 Review: BA 22(1948), 2807
 Users : Williams, C. B. (1947), Kendall, D. G. (1948), Archibald, E.E.A. (1949a), Quenouille, M. H. (1949), Williams, C. B. (1949), Williams, C. B. (1950), Barnes, H. and Stanbury, F. (1951), Hunter, G. C. and Quenouille, M. H. (1952), Williams, C. B. (1952), Brian, M. V. (1953), Myers, E. and Chapman, V. (1953), Williams, C. B. (1953), Ramabhadran, V. K. (1954), Williams, C. B. (1954), Herdan, G. (1957), Hairston, N. G. (1959), Darwin, J. H. (1960), Siromoney, G. (1962), Nelson, W. C. and David, H. A. (1964), Williamson, E. and Bretherton, M. (1964)
 Class.: LS:gf-mi:BM 2064
- WILLIAMS, C. B. (1947c). The logarithmic series and the comparison of island floras. Proc. Linn. Soc. Lond. 158, 104-108.
 Users : Williams, C. B. (1949), Williams, C. B. (1950), Williams, C. B. (1954)
 Class.: LS:ctp:BM 2065
- WILLIAMS, C. B. (1949). Jaccard's generic coefficient and coefficient of floral community, in relation to the logarithmic series and the index of diversity. Ann. Bot. Lond., N.S. 13, 53-58.
 Users : Williams, C. B. (1950), Williams, C. B. (1954)
 Class.: LS:mi:BM 2066

- WILLIAMS, C. B. (1950). The application of the logarithmic series to the frequency of occurrence of plant species in quadrats. J. Ecol. 38, 107-138.
Users : Williams, C. B. (1954), Dahl, E. (1960), Darwin, J. H. (1960), Nelson, W. C. and David, H. A. (1964)
Class.: LS:gf-mi:BM 2067
- WILLIAMS, C. B. (1952). Sequences of wet and of dry days considered in relation to the logarithmic series. Quart. J. Roy. Meteorol. Soc. 78, 91-96.
Users : Ramabhadran, V. K. (1954), Williams, C. B. (1954), Srinivasan, T. R. (1956), Siromoney, G. (1962), Patil, G. P. and Bildikar, S. (1966a)
Class.: LS:gf:P 2068
- WILLIAMS, C. B. (1953). The relative abundance of different species in a wild animal population. J. Animal Ecol. 22, 14-31.
Users : Williams, C. B. (1954), Hairston, N. G. (1959), Clark, P. J., Eckstrom, P. T. and Linden, L. C. (1964), Nelson, W. C. and David, H. A. (1964), Bliss, C. I. (1965)
Class.: 2069
- WILLIAMS, C. B. (1954). The statistical outlook in relation to ecology. J. Ecol. 42, 1-13.
Class.: 2070
- WILLIAMS, C. B. (1956). Studies in the history of probability and statistics. IV. A note on an early statistical study of literary style. Biometrika 43, 248-256.
Users : Herdan, G. (1958)
Class.: MI:mi:L 2071
- WILLIAMS, C. B. (1964). Patterns in the balance of nature and related problems in quantitative ecology. Academic Press, London and New York.
Class.: No classification 2072
- WILLIAMS, C. B., FISHER, R. A. and CORBET, A. S. (1943). See Fisher, R. A., Corbet, A. S. and Williams, C. B. (1943).
- WILLIAMS, CLYDE M. and OVERALL, JOHN E. (1961). See Overall, John E. and Williams, Clyde M. (1961).
- WILLIAMS, E. J. (1961a). The distribution of larvae of randomly moving insects. Austral. J. Biol. Sci. 14, 598-604.
Users : Watson, G. (1965)
Class.: 2073
- WILLIAMS, E. J. (1961b). Fitting a geometric progression to frequencies. Biometrics 17, 584-606.
Users : Patil, G. P. (1962c)
Class.: :pe-gf:G 2074
- WILLIAMS, J. S., FLETCHER, N. T. and NELSON, A. C. JR. (1963). See Nelson, A. C. JR., Williams, J. S. and Fletcher, N. T. (1963).

- WILLIAMSON, ERIC and BRETHERTON, MICHAEL H. (1963). Tables of the negative binomial probability distribution. Wiley, London.
Class.: No classification 2075
- WILLIAMSON, ERIC and BRETHERTON, MICHAEL H. (1964). Tables of the logarithmic series distribution. Ann. Math. Statist. 35, 284-297.
Review: MR 35(1964), 336
Users: Nelson, W. C. and David, H. A. (1964), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, G. J. (1965), Chatfield, C., Ehrenberg, A.S.C. and Goodhardt, C. (1966), Patil, G. P. and Bildikar, S. (1966a)
Class.: LS:tc:G 2076
- WILLIS, D. M. (1964). The statistics of a particular non-homogeneous Poisson process. Biometrika 51, 399-404.
Class.: 2077
- WILSON, EDWIN B. (1927). Probable inference, the law of succession, and statistical inference. J. Amer. Statist. Assoc. 22, 209-212.
Class.: E:ie:G 2078
- WILSON, T. R. and KATZ, LEO (1956). See Katz, Leo and Wilson, T. R. (1956).
- WINSOR, C. P. and WALFORD, L. A. (1936). Sampling variations in the use of plankton nets. J. Conseil 11, 190-204.
Users: Sette, O. E. and Ahlstrom, E. H. (1948), Barnes, H. and Marshall, S. M. (1951)
Class.: 2079
- WINSTEN, C. B. (1959). Geometric distributions in the theory of queues. J. Roy. Statist. Soc. Ser. B 21, 1-22.
Review: MR 21(1960), 1238
Class.: G:pc:G
Notes: Discussion: J. Roy. Statist. Soc. Ser. B 21, 22-35. 2080
- WINTER, A. (1935). On convergent Poisson convolutions. Amer. J. Math. 57, 827.
Class.: 2081
- WINTNER, AUREL (1945). The moment problem of enumerating distributions. Duke Math. J. 12, 23-25.
Class.: MI:m:G 2082
- WISE, M. E. (1946). The use of the negative binomial distribution in an industrial sampling problem. J. Roy. Statist. Soc. Suppl. 8, 202-211.
Review: MR 9(1948), 49
Users: Patil, G. P. (1960c)
Class.: NB:sqc:E 2083
- WISE, M. E. (1954). A quickly convergent expansion for cumulative hypergeometric probabilities, direct and inverse. Biometrika 41, 317-329.
Review: MR 16(1955), 600
Users: Sandiford, P. J. (1960), Govindarajulu, Z. (1965), Johnson, N. L. (1965)

- Class.: H:wi:G
Notes : Correction; Biometrika 42, 277. 2084
- WISE, M. E. (1963). Multinomial probabilities and the χ^2 and λ^2 distributions. Biometrika 50, 145-154.
Users : Patil, G. P. and Bildikar, S. (1966a)
Class.: M:a-gf:G 2085
- WISE, M. E. (1964). A complete multinomial distribution compared with the χ^2 approximation and an improvement of it. Biometrika 51, 277-281.
Class.: 2086
- WISHART, J. (1949). Cumulants of multivariate multinomial distributions. Biometrika 36, 47-58.
Users : Wiid, A.J.B. (1957-8), Tsao, C. M. (1962), Mosimann, J. E. (1963), Capobianco, M. F. (1964), Patil, G. P. (1965), Patil, G. P. (1965), Patil G. P. and Bildikar, S. (1966a)
Class.: M-MB-MM:osp:G 2087
- WISHART, J. (1956). An approximation to the binomial distribution. Ann. Statist. 6, 124-131.
Class.: B:a:G 2088
- WOHLSCHLAG, D. E. (1952). Estimation of fish populations in a fluctuating reservoir. California Fish and Game 38, 63-72.
Class.: P:ie:BM 2089
- WOHLSCHLAG, D. E. (1954). Mortality rates of whitefish in an arctic lake. Ecology 35, 388-396.
Class.: M-NB:pe:BM 2090
- WOLFOWITZ, J. (1944). Asymptotic distribution of runs up and down. Ann. Math. Statist. 15, 163-172.
Users : Olmstead, P. S. (1946), Govindarajulu, Z. (1965)
Class.: 2091
- WOLFOWITZ, J. (1946). On sequential binomial estimation. Ann. Math. Statist. 17, 489-493.
Users : Savage, L. J. (1947), Plackett, R. L. (1948), Wasan, M. T. (1965), deGroot, M. H. (1959)
Class.: B:se:G 2092
- WOLFOWITZ, J. (1947). Consistency of sequential binomial estimates. Ann. Math. Statist. 18, 131-135.
Class.: B:se:G 2093
- WOLFOWITZ, J. and KIEFER, J. (1959). See Kiefer, J. and Wolfowitz, J. (1959).
- WOLFOWITZ, J. and KIEFER, J. (1959). See Kiefer, J. and Wolfowitz, J. (1959).

- WOLL, J. W. JP. (1959). Homogeneous stochastic processes. Pacific J. Math. 9, 293-325.
Class.: 2094
- WOOD, J. E., DAVIS, D. E. and KOMAREK, E. V. (1958). The distribution of fox populations in relation to vegetation in southern Georgia. Ecology 39, 160-162.
Class.: P:gf:BM 2095
- WOODBURY, MAX A. (1949). On a probability distribution. Ann. Math. Statist. 20, 311-313.
Review: MR 10(1949), 720
Users : Rutherford, R.S.G. (1954), Tsao, C. M. (1962)
Class.: OBR:mb:G 2096
- WOODS, H. M. and GREENWOOD, M. (1919). See Greenwood, M. and Woods, H. M. (1919).
- WORCESTER, J. (1954). How many organisms. Biometrics 10, 227-234.
Class.: 2097
- WYNN, A. H. A., MAGUIRE, B. A. and PEARSON, E. S. (1952). See Maguire, B. A., Pearson, E. S. and Wynn, A. H. A. (1952).
- WYNN, A. H. A., MAGUIRE, B. A. and PEARSON, E. S. (1953). See Maguire, B. A., Pearson, E. S. and Wynn, A.H.A. (1953).
- Y -
- YAMASAKI, MITSURU and ISHII, GORO (1960-61). See Ishii, Goro and Yamasaki, Mitsuru, (1960-61).
- YASSKY, D. (1962). A model for the kinetics of phage attachment to bacteria in suspension. Biometrics 18, 185-191.
Class.: MI-P-B-G:mb:BM 2098
- YAZIMA, T., KITAGAWA, T. and HURUYA, S. (1942). See Kitagawa, T., Huruya, S. and Yazima, T. (1942).
- YNTEMA, L. (1954). Einiges zur Wahrscheinlichkeitsansteckung. Ned. Verzek. Actuar. Bij. 31, 86-91.
Class.: 2099
- YONEDA, K. (1962). Estimations in some modified Poisson distributions. Yokohama Math. J. 10, 63-95.
Class.: CPR:pe-gf:G 2100
- YOSHIMURA, J. (1963a). A moment recurrence relation and its application to multinomial distributions. Rep. Statist. Appl. Res. Un. Japan. Sci. Engrs. 10, 1-14.
Class.: 2101

- YOSHIMURA, I. (1963b). A moment recurrence relation and its application to multinomial distributions and others. Re. Statist. Appl. Res. Un. Japan. Sci. Engrs. 10, 137-150.
Review: MR 27(1964), 595
Class.: 2102
- YOSHIMURA, I. (1964a). Unified system of cumulant recurrence relations. Rep. Statist. Appl. Res. Un. Japan. Sci. Engrs. 11, 1-8.
Users: Patil, G. P. and Bildikar, S. (1966a)
Class.: 2103
- YOSHIMURA, I. (1964b). A complementary note on the multivariate moment recurrence relation. Rep. Statist. Appl. Res. Un. Japan. Sci. Engrs. 11, 9-12.
Users: Patil, G. P. and Bildikar, S. (1966a)
Class.: 2104
- YOSHIMURA, I., SHIMIZU, RYOICHI and SIBUYO, MASAOKI (1964). See Sibuyo, Masaaki, Yoshimura, I. and Shimizu, Ryoichi (1964).
- YOSIDA, TOSIHARU, WATANABE, SYOZI, KONG, TATSURO and UTIDA, SYNPRO (1952). See Kono, Tatsuro, Utida, Synpro, Yosida, Tosiharu, Watanabe, Syozi (1952).
- YOUNG, D. A., OWEN, D. B., GILBERT, E. J. and STECK, G. P. (1959). See Owen, D. B., Gilbert, E. J., Steck, G. P. and Young D. A. (1959).
- YOUNG, D. H. and JOHNSON, N. L. (1960). See Johnson, N. L. and Young, D. H. (1960).
- YOUNG, H., NEESS, J. and EMLIN, J. T. JR. (1952). Heterogeneity of trap response in a population of house mice. J. Wildlife Managem. 16, 169-180.
Users: Geiss, A. D. (1955)
Class.: 2105
- YOUNGS, J. W. T., GEISLER, M. A. and MIRKOVICH, A. R. (1954). Confidence intervals for Poisson parameters in logistics research. Res. Memo. RM-1357, RAND Corp.
Class.: 2106
- YOUTZ, C. and MOSTELLER, F. (1961). See Mosteller, F. and Youtz, C. (1961).
- YULE, G. U. (1912-14). Fluctuations of sampling in Mendelian ratios. Proc. Cambridge Philos. Soc. 17, 425-432.
Class.: B:gf:BM 2107
- YULE, G. U. (1924). A mathematical theory of evolution based on the conclusions of Dr. J. C. Willis, F.R.S. Phil. Trans. Roy. Statist. Soc. B 213, 21-97.
Users: Simon, H. A. (1955), Bulmer, M. G. (1958b), Simon, H. (1960), Bartko, J. J. (1961b), Irwin, J. O. (1963), Nelson, W. C. and David, H. A. (1964)
Class.: 2108

YULE, G. U. (1938). On sentence-length as a statistical characteristic of style in prose: with application to two cases of disputed authorship. Biometrika 30, 363-390.

Users : Williams, C. E. (1956)

Class.: MI:mi:L

2109

YULE, G. U. (1944). The statistical study of literary vocabulary. Cambridge Univ. Press.

Class.: No classification

2110

YULE, G. U. and CHAMBERS, E. G. (1941). See Chambers, E. G. and Yule, G. U. (1941).

YULE, G. U. and GREENWOOD, M. (1920). See Greenwood, M. and Yule, G. U. (1920).

- Z -

ZIPF, G. K. (1932). Selected studies of the principle of relative frequency in language. Harvard Univ. Press.

Class.: No classification

2111

ZIPF, G. K. (1949). Human behaviour and the principle of least effort: an introduction to human ecology. Addison-Wesley Press, Cambridge, Mass.

Class.: No classification

2112

ZIPPIV, C. (1958). The removal method of population estimation. J. Wildlife Managem. 22, 82-90.

Class.:

2113

ZUBRZYCKI, S. and ACZEL, J. (1956). See Aczel, J. and Zubrzycki, S. (1956).

ZUBRZYCKI, S. and STEINHAUS, H. (1957). See Steinhaus, H. and Zubrzycki, S. (1957).

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13. ABSTRACT The present report provides a bibliography of classical and contagious discrete distributions which lists 2113 publications in statistics and probability discussing discrete distributions in general. Publications in other fields discussing applications of these distributions have been also included. Textbooks as a class have been excluded, but the more intimate ones have been included. Technical reports and dissertations have been treated as published papers. A systematic search was made for most of the entries published in English during the period ending 1964. Some of the later publications discovered and found relevant are also included. The original objective of achieving comprehensive coverage of non-English publications was partially abandoned due to lack of adequate resources. The interest of the authors continues in the direction of making this bibliography more comprehensive and every form of assistance will be most welcome.		

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