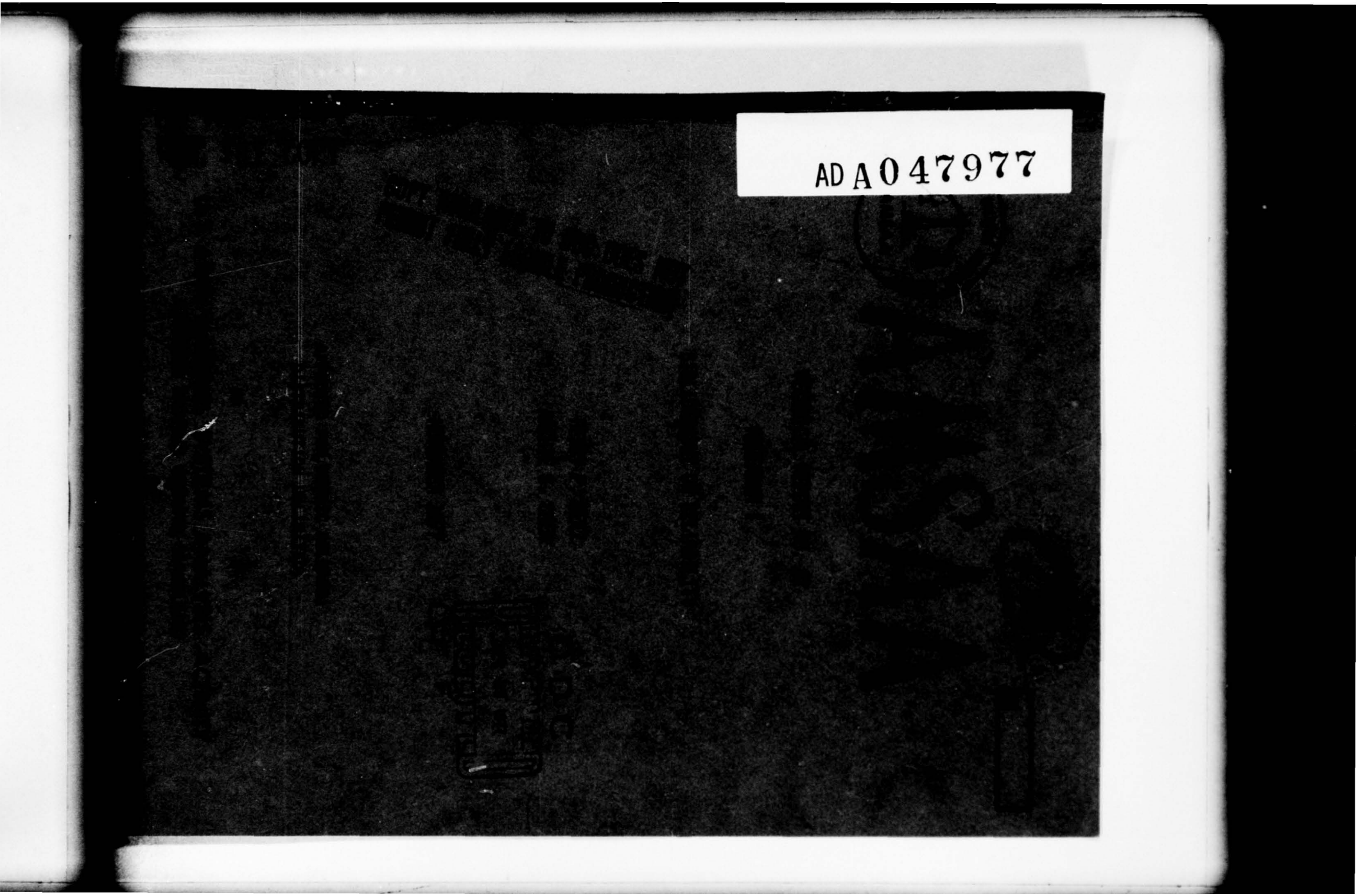
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BIBLIOGRAPHY ON RELIABILITY. ADDENDUM I.(U)
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This report is the first Addendum to US Army Materiel Systems Analysis Activity Technical Report No. 82, A. Roberta Wooten, July 1973. It consists of an update of a bibliography of reliability theory and practice including references from government publications, technical books, journals, university reports, proceedings of national symposiums and other meetings. The bibliography includes 2675 references which were placed on magnetic tape for computer processing. The same computer programs used to construct the original bibliography were used to alphabetize by author's name and to prepare the subject index to

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the bibliography which is included in the report. For completeness, the same references that appear at the end of the original bibliography are also included in this addendum.

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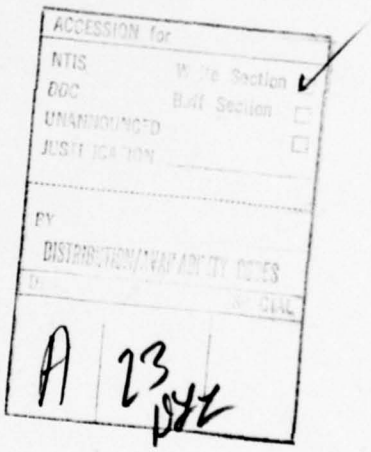
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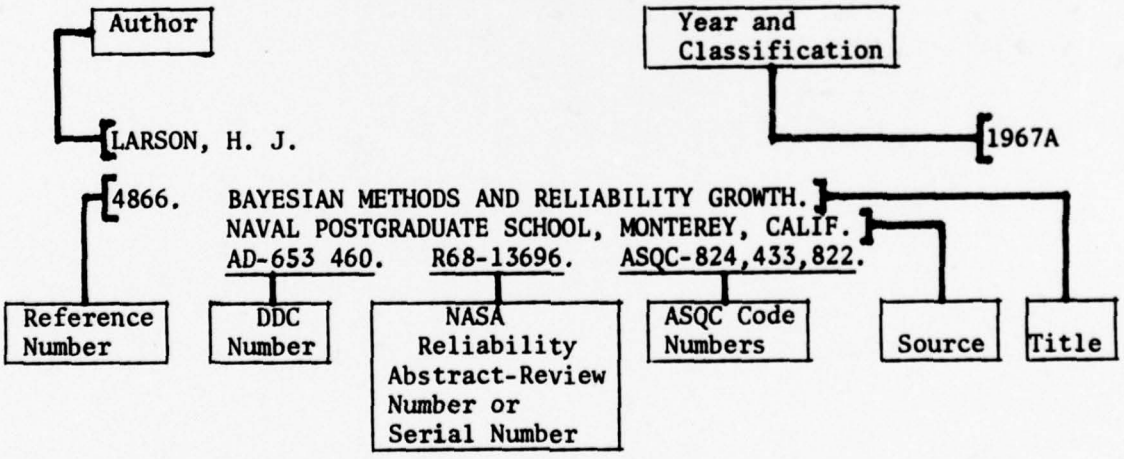
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INTRODUCTION

This reliability bibliography is designed to assist USDARCOM and other DA elements in searching the extensive literature in reliability theory and practice for methodology that may be needed in carrying out reliability analyses. This bibliography contains references to technical books, journals, government and university reports, proceedings of national symposiums and other meetings, as well as applicable regulations and military standards. The bibliography was assembled with the aid of a computer based searchable file program (see Reference 1) using the BRLESC I/II computer (see Reference 2).

The references are listed alphabetically according to author, when applicable, or publishing organization. Besides the author or organization and the title of the reference, the date of publication of the reference is given, if known, followed by the letter A, B or G, which means the reference in question is an article, book or government document, respectively. If known, the Defense Documentation Center number is given, prefixed by the letters AD, which should be specified when ordering a reference from that center. For reports listed in the NASA Reliability Abstracts and Technical Reviews (see Reference 3) the serial number of the NASA abstract-review is given. By use of this serial number an abstract-review of the report can be obtained from Reference 3. Reports listed in the NASA Abstract-Reviews also contain an ASQC Code Number. This number categorizes the contents of the report in terms of the American Society for Quality Control (ASQC) Code reproduced in an appendix to this report.

As an example consider reference number 4866



A subject matter index has also been prepared for this reliability bibliography using the previously mentioned computer searchable file

program, and this index is part of the report. For each subject in the index, a collection of reference numbers are listed indicating those references whose title contains the indicated subject matter. For example, the first index subject is Age and Aging of Systems and the first reference under this subject is reference 137, Nonparametric Age Replacement Policy Under Discounting and Decreasing Salvage Value.

It is planned to periodically update this bibliography with new references to keep the bibliography current. To supply these new references to the users of this report, addenda to this report will be issued containing the new references. These addenda will also contain a revised subject matter index. It is suggested that material referenced here be secured from the source named in the reference.

The authors would like to acknowledge the assistance of Mr. David L. Clark for his help in using the computer programs, and to Dr. Larry H. Crow for the Guidance he provided throught the project.

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SYMPOSIUM, RELIABILITY

54 55 57 112 118 635 746 800 1069 1197 1207 1322 1395

SYSTEM RELIABILITY ANALYSIS AND EVALUATION

2 5 6 9 10 11 12 20 21 22 24 25 31
36 59 71 82 87 92 99 101 102 110 119 127 129

132 138 139 142 143 145 149 153 157 158 159 162 163
164 165 166 168 177 178 179 180 182 183 184 185 189
190 191 192 194 196 197 205 208 209 214 215 218 219
227 228 233 235 238 239 242 246 247 249 250 252 253
254 256 257 259 260 264 265 271 272 273 275 287 288
299 300 305 314 317 344 348 349 354 364 367 370 371
373 374 376 377 378 379 380 381 382 384 390 395 396
398 399 404 408 409 410 411 412 416 418 419 420 424
425 428 431 434 436 438 439 444 445 447 448 449 453
459 464 470 477 479 480 481 485 488 490 491 509 510
511 512 514 515 522 523 524 525 526 527 530 534 537
538 543 545 550 559 560 564 567 571 573 574 578 580
581 583 589 591 592 595 600 601 607 611 617 629 631
632 634 635 636 637 641 642 645 646 647 648 650 651
655 656 666 669 670 671 672 674 675 677 694 696 701
707 708 709 710 711 712 714 715 718 722 723 724 725
734 735 736 737 738 741 742 743 746 747 749 753 756
757 773 783 790 792 798 801 802 803 804 805 807 809
811 813 818 820 821 822 823 824 825 826 827 828 846
855 860 871 882 885 886 896 899 900 901 902 916 918
919 920 925 927 929 931 932 935 936 937 947 948 949
950 951 953 954 955 957 967 968 971 972 973 976 977
982 986 992 994 995 996 997 1001 1002 1003 1010 1012 1013
1014 1015 1016 1018 1034 1036 1037 1044 1059 1063 1065 1069 1071
1073 1084 1085 1089 1094 1099 1100 1110 1112 1113 1126 1130 1133
1134 1136 1140 1143 1146 1150 1152 1159 1160 1170 1171 1172 1175
1180 1181 1182 1189 1193 1194 1195 1196 1201 1203 1206 1209 1211
1212 1216 1218 1224 1228 1230 1236 1242 1243 1247 1252 1260 1263
1264 1265 1269 1270 1273 1285 1287 1288 1296 1300 1301 1308 1313
1314 1315 1322 1324 1325 1329 1332 1333 1336 1340 1346 1352 1353
1355 1356 1361 1364 1365 1369 1370 1374 1377 1378 1381 1382 1383
1384 1387 1391 1392 1393 1403 1405 1410 1412 1413 1417 1427 1430
1431 1433 1435 1436 1438 1439 1441 1445 1448 1449 1456 1457 1459
1462 1463 1464 1465 1466 1467 1468 1476 1485 1489 1492 1498 1503
1506 1507 1508 1519 1520 1521 1527 1535 1537 1538 1539 1542 1544

TEST ENGINEERING

3 27 34 69 87 88 89 92 113 114 115 116 117
119 124 125 130 133 134 135 150 159 164 166 187 189
190 198 199 200 201 204 210 222 227 229 230 233 240
253 262 263 265 266 268 287 297 310 311 312 313 336
337 354 367 370 381 388 405 412 413 416 417 418 419
432 442 457 460 466 470 480 502 513 545 546 561 567
571 588 597 620 623 626 628 640 646 681 698 699 700
716 717 727 751 757 762 763 764 765 766 772 799 816
817 830 831 864 866 880 897 898 902 906 911 918 944
945 947 961 968 992 993 1005 1008 1009 1033 1035 1059 1060
1071 1080 1092 1094 1096 1097 1098 1100 1117 1118 1122 1125 1131
1134 1136 1137 1142 1143 1155 1156 1159 1160 1164 1167 1168 1189
1201 1204 1238 1246 1265 1274 1275 1287 1312 1329 1331 1334 1347
1348 1379 1390 1401 1412 1413 1424 1438 1490 1497 1499 1516 1530
1543

THEORIES, RELIABILITY

62 155 186 187 191 195 196 198 199 200 201 203 212
214 300 314 315 316 317 320 346 348 349 350 486 511
520 535 593 618 665 692 734 736 775 776 833 844 872
873 874 970 998 1014 1050 1095 1164 1202 1235 1259 1317 1332
1338 1369 1386 1426 1481 1494 1525

ULTRASONIC

VARIANCE AND COVARIANCE

981

VEHICLE, ARMORED

92 1175

VEHICLE, SPACE

8 319 493 959 1111 1125 1234 1311 1349 1354 1435 1436 1541

VEHICLE, TANK

265 418 419 1130

VEHICLE, TRACK

435 627 630 633 635 672 1315 1469

VEHICLE, TRANSPORTER

36 107 120 241 255 257 258 259 276 318 413 435 459
716 759 791 807 815 828 829 830 832 866 882 890 906
960 1081 1100 1115 1135 1147 1149 1203 1256 1279 1289 1290 1830

VIETNAM

WARRANTIES AND LIABILITY

37 161 172 176 247 308 357 551 566 690 964 1186 1187
1330 1375 1376

WEAPON SYSTEMS, AIR DEFENSE

253 416

WEAPON SYSTEMS, AMMUNITIONS AND MUNITIONS

420 963 1365

WEAPON SYSTEMS, ANTITANK MISSILES

19 151 291 427 893 1238

WEAPON SYSTEMS, ARMS AND RIFLES

424 700 1068

WEAPON SYSTEMS, ARTILLERY AND GUNS

414 423 426 699 1130 1137 1365 1536

WEAPON SYSTEMS, BOMBS AND FUZES

148 382 513 557 561 960 988 1040 1173 1181 1458 1478

WEAPON SYSTEMS, EXPLOSIVES

156 940

WEAPON SYSTEMS, GRENADES AND MINES

34 382 700 963 1035 1118 1214 1478

WEAPON SYSTEMS, HE AND HEDP

23 101 115 140 141 221 405 450 480 550 562 573 883
832 863 866 1044 1089 1116 1146 1168 1169 1180 1212 1267 1286
1306 1336 1374 1412 1415 1416 1491 1530

WEAPON SYSTEMS, MISSILES AND ROCKETS

113 148 178 254 569 643 677 1089 1131 1181 1228 1237 1361
1412

WEAPON SYSTEMS, MISSILE COMPONENTS

178 254 487 582 590 637 677 816 817 1042 1228 1395 1436

WEAPON SYSTEMS, PROJECTILES AND TARGETS

109 415 1127 1175

X-RAY ANALYSIS

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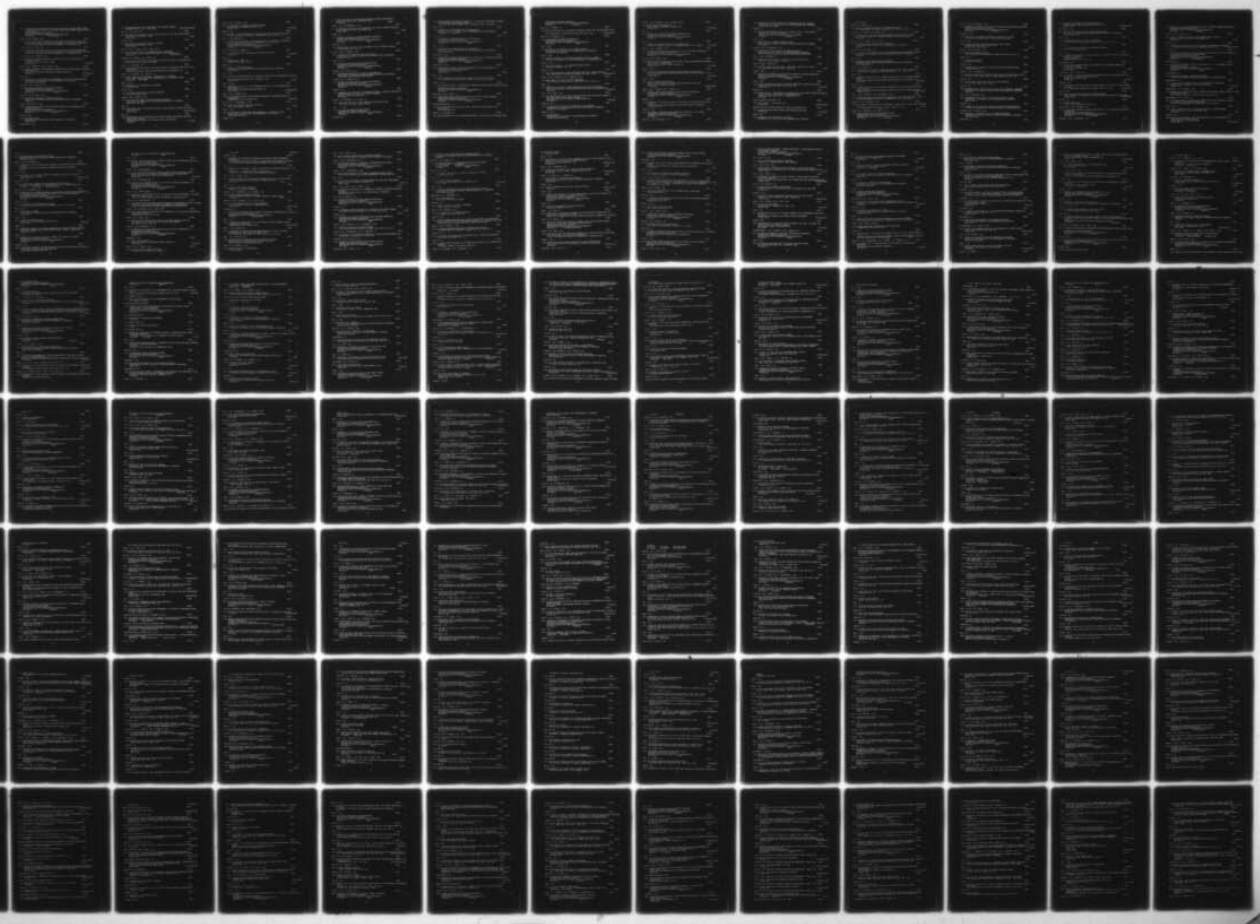
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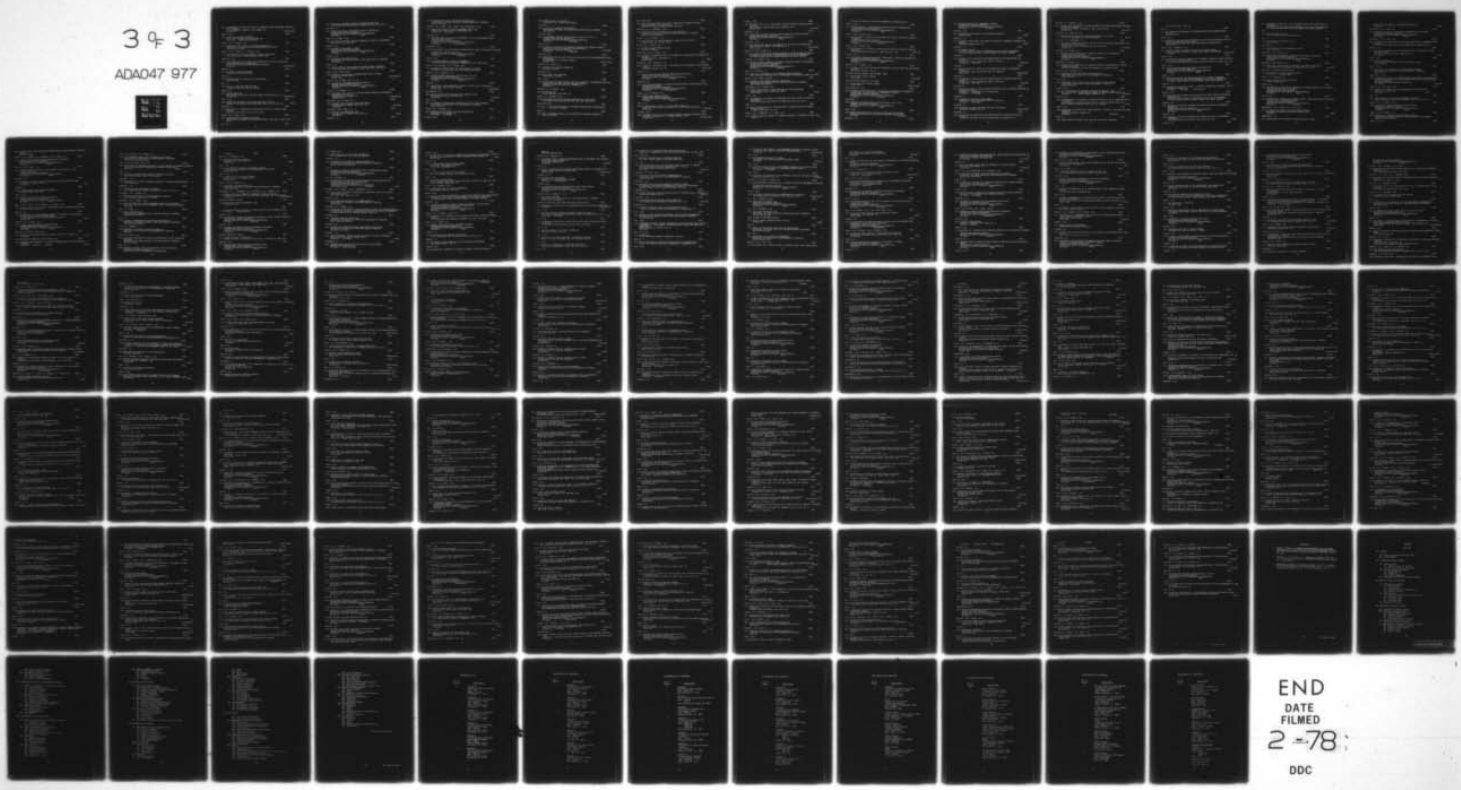
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