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REPORT NO. RR-TR-69-14

VOLUME II

COMPARATIVE ANALYSIS OF THE LCSS-ETG-3 PERFORMANCE CAPABILITY USING STATISTICAL PROBABILITIES

by

Andrew H. Jenkins

March 1969

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15 March 1969 Report No. RR-TR-69-14

VOLUME II

COMPARATIVE ANALYSIS OF THE LSSS-ETG-3 PERFORMANCE CAPABILITY USING STATISTICAL PROBABILITIES

by

Andrew H. Jenkins

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Aeromechanics Branch
Physical Sciences Laboratory
Research and Engineering Directorate (Provisional)
U. S. Army Missile Command
Redstone Arsenal, Alabama 35809

ABSTRACT

A test plan is formulated and executed to obtain a random sample of measurements on the U.S. Army Missile Command's Land Combat Support System Electronic Test Group equipment.

Analyses of the data establish sample estimates of bias, accuracy, and stimulus setting errors and the standard deviation of measurement on 14 combinations of parameters and scales (e.g., dc voltage, 10-volt scale). The analyses pose hypotheses about the statistics and test these hypotheses against appropriate frequency distributions. They include the principle of analysis of variance, which makes use of bias error, accuracy error, stimulus setting error, and sample variance. These four parameters are used as response variables to establish the effects of the main factors of test durations, time delays, and machines and combinations of the main factors (i.e., interactions) on the computed response statistics for each of the 14 parameters and scales considered.

The overall estimates of the precision (standard error of measurement) for each parameter and scale are related to actual weapon system tolerances to obtain probability estimates of the risk of passing a bad unit ("undetected defect") or holding a good unit ("false alarm") in a single test in a checkout procedure. Single checkout probabilities are related to multiple sequential checkout probabilities.

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FOREWORD

This report presents the results of an investigation of the compatibility of the error probabilities specified for the LCSS equipment with the measurement accuracy, the weapon system component tolerances, decision limits and number of sequential tests required to check a weapon component. The LCSS equipment is being developed to test critical components from several weapon systems. An analysis was performed using a theoretical approach to the problems of error probability-density functions and test equipment accuracy, weapon component tolerance and prescribed decision limits.

A test program was written to obtain a sample of data to estimate the capability of the equipment to perform its desired functions of stimulating components and measuring their magnitudes under normal conditions.

This effort is presented in two volumes. Volume I contains the rationale, analysis, and discussion. Volume II contains the measured data, the computed data, and statistical computations. The data in Volume II are presented for the use of those who would like to perform further analyses, for completeness, and for future reference.

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INTRODUCTION

Volume I presented the rationale, test program, analysis, discussion, and results of this effort. Volume II has been compiled for the purpose of including certain portions of the test program, data, computations, analyses, and results which are too bulky for inclusion in Volume I. Volume II also documents completely the effort for anyone desiring to go into the program in detail or to do additional analyses. The material included in this volume is in the form of appendixes.

Appendix A
LCSS-ETG SEMIAUTOMATIC TEST TAPE DESCRIPTION

A printout of the complete test tape is shown for each operation performed by the electronic test group (ETG) during the running of the tapes on the machines. The commands for the operation are compatible with the ETG basic commands. The test tape language was taken from the Radio Corporation of America, Andover, Massachusetts, Manual: PRELIMINARY PROGRAMMING MANUAL FOR ELECTRONIC TEST GROUP NO. 3 (ETG-3), ATE-MTE-L-8, Vol I, Revision 39.

A sample program command on test tape is described.

INSTRUCTIONS FOR EXECUTING A TYPICAL TEST IN THE STABILITY AND PRECISION TEST PROGRAM

Sample Test Programming

@ RJ104↑↑ (1967104(STPA0303TPB5252@ASDA1+9MDC1@A D10050TED]11000 TEMV VDC3104↑@

Description of Controller Data and Function Performed in Above Sample

@	Separates switching words and commands (Item Separator).
R	Resets stimulus, measurement, and routing functions to off condition.
J104	Initiates search of tape for location of test number 104.
↑↑	Output printer carriage return. The second ↑ was included merely for convenience in preparation of the tape and is of no importance otherwise.
(1967104(	Block address on perforated tape. 1967 is UUT number; 104 is the test number.
S	Switching follows.
TPA0303	Selects test point A03 in the signal switching matrix.
TPB5252	Selects test point B52 in the signal switching matrix.
@	Item separator
A	Controller "apply" command. Connects the selected TPA, TPB.
S	Switching follows
DA1+9	Programs internal power supply DA1 to provide +9 volts dc.
MDC1	Programs digital multimeter to measure a dc voltage in the range 0-9.999 volts dc.
@	Item separator
A	Controller "apply" command.

D10050TE	Programs 50-millisecond switching and settling time delay.
D	Programs a time delay specified by following characters.
]	Deletes undesirable character.
11000	Specifies the delay time scale factor and magnitude. (1 = scale factor 1000 magnitude in milliseconds)
T	Initiates the time delay.
E	Checks for completion of the delay.
M	Causes the preselected measurements unit to measure the parameter at its input.
VVDC3104t@	Generates an automatic print of the last measured value followed by all the characters between the "V" and the next item separator and applies a printer carriage return. The printed characters here are coded to indicate the parameter measured (Vdc), the decimal point location (three places from the left), and the test number (104).

The delay times are: for Tape A, the specified value; for Tape B, three times the specified value; and for Tape C, five times the specified value. The specified base times are as follows:

LAC	1.0 sec
MAC	1.0 sec
LDC*	1.0 sec
MDC*	1.0 sec
MDC	50.0 msec
MRE	1.0 sec
MPV	1.5 sec
MFR	50.0 msec
MTS	50.0 msec
MTD	50.0 msec

*with filter (filter cutoff = 5 Hz).

!(1967000(P LCSS STABILITY AND PRECISION TEST. TAPE
A, MEASURE ! DELAY X1. FOLLOW HOOK UP ! INSTRUCTIONS
PRESS ; PROCEED

!@IJ100! (1967100 (P90183 VDC @ STPA2626TPB6050MDC1@AD11000TEMV
VDC 3 100
!@]RJ101! (1967101 (STPA0101TPB5050MDC1@AD11000TEMV VDC 3 101
!@RJ102! (1967102 (STPA4040TPB9090MDC1@AD11000TEMV V DC 3 102
!@RJ103! (1967103 (STPA0202TPB5151@ASDC109MD C1@D10500TED11000TEMV
VDC 3 103
!@RJ104!! (1967104 (STPA0303TPB5252@ASDA1+9MDC1@AD10050TED]11000
TEMV VDC 3 104
!@]RJ105! (1967105 (STPA0101TPB5050MDC1@AD11000TEMV VDC 3 105
!@RJ106! (1967106 (P23000 VDC 2@STPA2626TPB6060MDC3@AD11000TEMV
VDC 5 106
!@R' 107!! (1967107 (STPA0404TPB5050MDC3@AD11000TEMV V DC 5 107
!@RJ108! (1967108 (SPS10350PS20390PS30390PS40390PS50390PS60390TPA0505
TPB5050MDC3@AD10500TED11000TEMV VDC 5 108
!@RJ109! (1967109 (STPA0404TPB5050MDC3@AD11000TEMV VDC 5 109
!@]RJ110! (1967110 (P8841 MVDC 2@STPA2626TPB6060LDC3@AD11000TEMV
MVDC 5 110
!@RJ111! (1967111 (STPA0606TPB5050LDC3@AD11000TEMV MVDC 5 111
!@]RJ112! (1967112 (SDA2+09TPA0707TPB5353LDC3@AD10050TED11000TEMV
MVDC 5 112
!@RJ113! (1967113 (STPA0606TPB5050LDC3@AD11000TEMV MVDC 113

!@RJ200! (1967200 (P90041 K 1@STPA2626TP]B6060MRE4@AD11000TEMV K 4
20 0
!@]RJ201! (1967201 (STPA0808TPB5454MRE4@AD11000TEMV K 4 201
!@]RJ202! (1967202 (STPA0909TPB5555MRE4@AD11000TEMV K 4 202
!@RJ203! (1967203 (STPA0808TPB5454MRE4@AD11000TEMV K 4 203
!@RJ204! (1967204 (P77029 OHM 4@STPA2626TPB6060MRE1@AD11000TEMV
OHM 4 204
!@RJ205! (1967205 (STPA1010TPB5454MRE2@AD11000TEMV OHM 5 205
!@RJ206! (1967206 (P90024 K 2@STPA2626TPB6060MRE6@AD11000TEMV K 6 206
!@RJ207! (1967207 (STPA1111TPB5454MRE6@AD11000TEMV K 6 207

!@RJ300! (1967300 (]P999997 KHZ 3@STPA2626TPB6060MFR0100DA1-15@AD100
50TEMV K C 4 300
!@RJ301! (1967301 (STPA1212TPB5050MFR0100DA1-050@AD10050TED10050
TEMV KC 4 301
!@]RJ302! (1967302 (STPA1313MFR0100DA1-10@AD10050TED10050TEMV KC 4
302
!@]RJ303! (1967303 (STPA1212TPB5050MFR0100DA1-050@AD10050TED10050
TEMV KC 4 303

†@RJ400† (1967400 (P70906RMS 4@STPA2626TPB6060MAC1@AD11000TEMV VAC 4 400
†@RJ401† (1967401 (STPA1414TPB5656MAC1@AD11000TEMV VAC 4 401
†@RJ402† (1967402 (STPA1515TPB5757MAC1@AD11000TEMV VAC 4 402
†@]RJ403†(1967403(STPA1414TPB5656MAC1@AD11000TEMV VAC 4 403
†@]RJ404† (1967404 (STPA2626TPB6060MAC201@AD20002TED11000TEMV VAC 4 404
†@RJ405† (1967405 (STP]A1414TPB5656MAC201@AD20002TED11000TEMV VAC 4 405
†@]RJ406† (1967406 (STPA2626MPV21@AD10001TEBV VP 4 406
†@RJ407† (1967407 (STPA1414MPV21@AD10001TEBV VP 4 407
†@]]RJ408† (1967408 (STPA2626MPV3@AD10001TEBV VPP 5 408
†@]RJ409† (1967409 (STPA1414MPV13@AD10001TEBV VPP 5 409
†@]RJ410† (1967410 (STPA1616TPB5858SG1N401090MAC1@AD20001TED11000 TEMV VAC 4 410
†@RJ411† (1967411 (STPA1616TPB5858SG1N401090MAC203@AD20001TED11000 TEMV VAC 4 411
†@RJ412† (1967412 (STPA1717TPB5858SG1D401090MAC1@AD20001TED11000 TEMV VAC 4 412
†@RJ413† (1967413 (STPA1616TPB5858SG1N401090MFR0103DA-1@A]W]D20001 TED10050TEMV KC 3 413
†@RJ414† (1967414 (STPA1818TPB5858SG2X401090MAC1@AD12000TED11000 TEMV VAC 4 414
†@RJ415† (1967415 (STPA1919TPB5858†@ASSG2X401010SGPXMAC2@ASSG2X4010 10@N6N6N6N6N6N6N6N6D20001TED11000TEMV VAC 5 415
†@RJ416† (1967416 (STPA2020TPB5858@ASSG2X401090SGQXMAC1@AD20001 TED11000TEMV VAC 4 416
†@RJ417†† (1967417 (STPA2121TPB5858@ASSG2X401090SGQXMAC1@AD20001TED 11000TEMV VAC 4 417
†@RJ418†† (1967418 (STPA1414TPB5656MAC1@AD11000TEMV VAC 4 418

†@RP CHANGE FREQUENCY OF AVS†TO 50 HZ. PRESS PROC FED.
†@LJ500† (1967500 (]P11069 RMS 4 @STPA2626TPB6060MAC1@AD11000TEMV VAC 4 500
†@RJ501† (1967501 (STPA2222TPB5656MAC1@AD11000TEMV VAC 4 501
†@RJ502† (1967502 (STPA1717TPB5858SG1N200011MAC1@AD20001TED11000TEM V VAC 4 502
†@RJ503† (1967503 (STPA1717TPB5858SG1N200011MFR1108@A]WD20001TED 10050TEMV KC 3 503
†@RJ504† (1967504 (STPA2222TPB5656MAC101@AD20002TED11000TEMV VAC 4 504
†@]RJ505† (1967505 (STPA2222MPV21@AD20002TED10001TEB]]]V VP 4 505
†@]RJ506†† (1967506 (STPA2222MPV13@A]]]D20001TED10001TEBV VPP 5 506

†@RJ507† (1967507 (STPA1717TPB5858SG1N200011MAC101@AD20001TED11000
TEMV VAC 4 507
†@RJ508† (1967508 (STPA1717TPB5858SG1N200011MPV21@AD20001TED10001
TEMB VP 4 508
†@RJ509† (1967509 (STPA1717TPB5858SG1N200011MPV13@AD20001TED10001
TEBV VPP 5 509
†@RJ510† (1967510 (STPA2222TPB5656MAC101@AD20002TED11000TEMV
VAC 4 510
†@RJ511† (1967511 (STPA2222MPV21@AD20002TED10001TEBV VP 4 511
†@J 512† (1967512 (STPA2222MPV13@A]D20002TED10001TEBV VPP 5 512
†@RJ513† (1967513 (P11000 RMS 2@STPA2626TPB6060MAC3@AD11000TEMV
VAC 6 513
†@]RJ514† (1967514 (STPA2323TPB5656MAC3@AD11000TEMV VAC 6 514
†@RJ515† (1967515 (STPA2626TPB6060MAC301@AD11000TEMV VAC 6 515
†@]RJ516† (1967516 (STPA2323TPB5656MAC301@A]D20002TED11000TEMV VAC
6 516
†@RJ517† (1967517 (STPA2626MPV01@AD100001TEBV VP 6 517
†@RJ518† (1967518 (STPA2323MPV01@AD10001TEBV VP 6 518
†@RJ519† (1967519 (STPA2626MPV03@AD10001TEBV VPP 6 519
†@RJ520† (1967520 (STPA2323MPV03@AD10001TEBV VPP 6 520
†@RJ521† (1967521 (STPA1919TPB5858@ASSG2X200030SGPXMAC3@ASSG2X20003
0@N6N6N6N6N6N6N6N6D20001TED11000TEMV VAC 6 521
†@RJ522†† (1967522 (STPA1919TPB5858@ASSG2X200030SGPXMAC301@ASSG2X
200030@N6N6N6N6N6N6N6N6D20001TED11000TEMV VAC 6 522
†@RJ523† (1967523 (STPA1919@ASSG2X200030SGPXMPV01†@ASSG2X200030@N
6N6N6N6N6N6N6N6D20001TED10001TEBV VP 6 523
†@RJ524† (1967524 (STPA1919@ASSG2X200030SGPXMPV03@ASSG2X200030@N6N
6N6N6N6N6N6N6D20001TED10001TEBV VPP 6 524
†@RJ525†† (1967525 (STPA1919]@ASSG2X200030SGPXMFR0108DA1-1†@ASSG2X
200030]@N6N6N6N6N6N6N6N6W]D20001TED10050TEMV KC 3 525
† †@RJ526† (1967526 (STPA2323TPB5656MAC3@AD11000TEMV VAC 6 526
†@]RJ527† (1967527 (STPA2323TPB5656MAC301@AD11000TEMV VAC 6 527
†@]]RJ528† (1967528 (STPA2323MPV01†@AD10001TEBV VP 6 528
†@RJ529† (1967529 (STPA2323MPV03†@AD10001TEBV VPP 6 529

†@]RP CHANGE FREQUENCY OF AVS†TO 10 KHZ. PRESS PROCEED.
†@LJ601† (1967601 (]P11069 RMS 4@P 0000000 RMS 4@STPA2222TPB5656MAC
1@AD11000TEMV VAC 4 601
†@RJ602† (1967602 (STPA1717TPB5858SG1N902011MAC1@AD20001TED11000
TEMV VAC 4 602
†@RJ603† (1967603 (STPA1717TPB5858SG1N902011MFR1108@AWD20001TED
10050TEMV KC 3 603
†@RJ604† (1967604 (STPA2222TPB5656MAC10]@AD20002TED11000TEMV VAC 4
604

†@RJ605† (1967605 (STPA2222MPV21@A]D20001TED10001TEBV VP 4 605
†@RJ606† (1967606 (]P11000 RMS 2 @P0000000 RMS 1@STPA2222MPV13@AD
20001TED10001TEBV VPP 5 606

@P CHANGE FREQUENCY OF AVS TO 1 KHZ. PRESS PROCEED.
@IRJ607 (1967607 (STPA2323TPB5656MAC3@AD11000TEMV VAC 6 607
†@RJ608 (1967608 (STPA2323TPB5656MAC301@AD20002TED11000TEMV VAC 6
608
†@RJ609† (1967609 (STPA2323MPV01@A]]D20001TED10001TEBV VP 6 609
†@RJ610† (1967610 (STPA2323MPV03@AD20001TED10001TEBV VPP 6 610
†@]RJ611† (1967611 (STPA1919TPB5858@ASSG2X102030SGPXMAC3@† ASSG2X
102030@N6N6N6N6N6N6N6N6WD20001TED11000TEMV VAC 6 611
††@RJ612† (1967612 (STPA1919TPB5858@ASSG2X102030SGPXMAC301† @ASSG2X
102030@N6N6N6N6N6N6N6N6D20001TED11000TEMV VAC 6 612
†@RRJ613† (1967613 (STPA1919TPB5858@ASSG2X102030SGPXMFR1108@ASSG2X
102030@N6N6N6N6N6N6N6N6WD20001TED10050TEMV KC 3 613
†@RJ614† (1967614 (STPA2323TPB5656MAC3@AD11000TEMV VAC 6 614
††@]]RJ615† (1967615 (STPA2323TPB5656MAC301@AD11000TEMV VAC 6 615
†@RJ616† (1967616 (STPA2323MPV01@AD10001TEBV VP]6 616
†@RJ617† (1967617 (STPA2323MPV03@AD10001TEBV V]PP 6 617

†@]RJ701† (1967701 (]P10000 P 4@P0000000 1 MS 4@STPA8989TPB8989MPV21
@AD10001TEBV VP 4 701
†@]]RJ702† (1967702 (STPA8989TPB8989MPV23@AD10001TEBV VPP 4 702
†@]RJ703† (1967703 (STPA8989TPB8989MFR1103@AD10050TEMV KC 7 703

†@]]J801† (1967801 (STPA1212]MFR0100DA1-15@AD10050TED10050TEMV KC 4
801
†@RJ803† (1967803 (STPA2424]PGNRPGNAPGNP100000PGNW000005PGN+050PG
NSMTS210711DA1-2@AD10500TED10001TEBV MS 3 803
†@RJ804 (1967804 (STPA2424]PGNRPGNAPGNP10]0000PGNW005000PGN+300P
GNSMPV11@AD10500TED10001TEBV VP 5 804]
†@RJ805]† (1967805 (STPA2424TPB6464PGNAPGNP100000PGNW000005PGN+100
PGNSMTD11071DA1-01DA2-09@AD10500TED10001TEBV MS 3 805
††@RJ806† (1967806 (]STPA2424]PGNAPGNP100000PGNW000005PGN+040PGNSM
TS20307DA1-02@AD10500TED10001TEBV MS 3 806
†@RJ807†† (1967807 (STPA2424TPB5959PGNAPGNP100000PGNW000005PGND
010000PGNX000001PGN+1PGNSMTD11071DA1-1DA2-1@AD10500TED10001TEBV
MS 3 807
†@RJ808 (196780]]8 (STPA2525TPB6464]SG2X402099SQWXMTD13071DA1+010
DA2+089@AD20001TED10001TEBV MS 3 808
†@RJ809†† (1967809 (STPA1212]MFR0100DA1-15@AD10050TED10050TEMV KC
4 809
†@RJ000† (1967999 (]]]

Appendix B
COMPILATION OF CORRECTED MEASUREMENTS DATA

The data shown in this compilation represent in most cases the raw data taken from the printout tapes from both the ETG-3/0002 and ETG-3/0005 sets. Data that were inserted as corrected or estimated for erroneous or missing values are identified in the compilation by underlining the data (e.g., 30.4922).

The identification of the columns of data are as follows:

1: Semiautomatic test tape operation number
2: Type of test for that operation
3: Expected measured value
4-8: Measured and recorded values.

The data set numbers refer to the hours of test, as shown in Tables III and VIII of Volume I.

DATA SET 1

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FP	7.8000	7.7990	7.7990	7.8000	7.8000	7.8000
102	STP	-7.5000	-7.5000	-7.5000	-7.5000	-7.5000	-7.5000
103	DC1	0.0000	8.9820	8.9820	8.9840	8.9840	8.9880
104	DA1	0.0000	8.9970	8.9970	8.9990	8.9990	8.9990
105	FP	7.8000	7.7990	7.7990	7.7990	7.8000	7.7990
106	SI	0.	0.1000	-0.	-0.	-0.	-0.
107	FP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PS1	230.0000	236.9000	236.9000	236.9000	236.9000	236.9000
109	FP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.1000	0.1000	0.3000	0.2000	0.2000
111	FP	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
112	DA2	900.0000	894.9000	894.9000	894.9000	894.9000	894.9000
113	FP	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FP	8.8198	8.8170	8.8150	8.8140	8.8150	8.8150
202	STP	0.0000	8.9950	8.9940	8.9930	8.9950	8.9930
203	FP	8.8198	8.8160	8.8150	8.8140	8.8130	8.8150
204	SI	0.	0.8790	0.8810	0.8810	0.8810	0.8810
205	FP	80.0500	80.6400	80.6400	80.6300	80.6200	80.6200
206	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
207	FP	819.0000	819.4000	819.3000	819.5000	818.9000	819.3000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0010	1000.0000
302	STP	900.0000	899.9990	900.0000	899.9990	899.9990	899.9990
303	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FP	5.6280	5.6290	5.6300	5.6290	5.6270	5.6270
402	STP	7.0000	6.9950	6.9950	6.9950	6.9950	6.9950
403	FP	5.6280	5.6290	5.6310	5.6260	5.6270	5.6310
404	SI	0.	0.0090	0.0070	0.0070	0.0070	0.0070
405	FP	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4790	0.4770	0.4790	0.4790	0.4790
407	FP	7.0580	8.1240	8.1190	8.1190	8.1230	8.1190
408	SI	0.	0.9300	0.8900	0.8900	0.9300	0.9300
409	FP	15.9160	13.7900	13.7700	13.7700	13.8100	13.7700
410	SG1	0.0000	0.0080	0.0050	0.0050	0.0050	0.0050
411	SG1	0.0810	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.9000	0.9030	0.9030	0.9030	0.9030	0.9030
413	SG1	0.4000	0.3998	0.3996	0.3997	0.3997	0.3995
414	SG2	0.0000	0.0230	0.0240	0.0220	0.0240	0.0230
415	SGP	90.0000	90.3200	90.3300	90.3400	90.3500	90.3300
416	SG0	0.0000	8.9900	8.9800	8.9810	8.9800	8.9800
417	SG0	0.0000	0.0110	0.0110	0.0090	0.0110	0.0110
418	FP	5.6280	5.6290	5.6280	5.6270	5.6260	5.6290
500	SI	0.	0.0030	0.0050	0.0040	0.0050	0.0040
501	FP	0.9770	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1110	1.1110	1.1110	1.1110	1.1110
503	SG1	0.0200	0.0395	0.0395	0.0380	0.0387	0.0394
504	FP	0.9550	0.9650	0.9670	0.9670	0.9670	0.9650

DATA SET 1

505	FR	1.3810	1.3390	1.3430	1.3390	1.3430	1.3430
506	FR	2.7620	2.9900	3.0100	2.9900	3.0300	3.0100
507	SGI	1.2100	1.2850	1.2850	1.2850	1.2850	1.2850
508	SGI	1.5556	1.5410	1.5430	1.5350	1.5390	1.5390
509	SGI	3.1100	3.3300	3.3300	3.3500	3.3300	3.3300
510	FR	0.9550	0.9670	0.9670	0.9660	0.9670	0.9670
511	FR	1.3810	1.3390	1.3430	1.3390	1.3390	1.3390
512	FR	2.7620	2.9900	2.9900	2.9900	2.9900	3.0100
513	SI	0.	0.4000	0.4000	0.4000	0.3000	0.4000
514	FR	110.0300	110.1000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	0.7000	0.7000	0.7000	0.7000	0.7000
516	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
517	SI	0.	0.	0.	0.	0.	0.
518	FR	155.5600	154.9000	154.5000	154.8000	154.5000	154.3000
519	SI	0.	0.5000	0.1000	0.3000	0.1000	0.1000
520	FR	311.1000	313.6000	313.3000	313.4000	313.3000	313.4000
521	SGP	110.0000	110.9000	110.9000	110.9000	110.9000	110.9000
522	SGP	121.0000	127.5000	127.5000	127.5000	127.5000	127.3000
523	SGP	155.5600	155.3000	155.5000	155.3000	155.6000	155.7000
524	SGP	311.1000	313.3000	313.7000	313.3000	313.5000	313.5000
525	SGP	0.0200	0.0200	0.0200	0.0201	0.0201	0.0200
526	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
527	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
528	FR	155.5600	154.9000	154.3000	154.7000	154.5000	154.5000
529	FR	311.1000	313.5000	313.3000	313.3000	313.4000	313.4000
601	FR	0.6140	0.7190	0.7190	0.7150	0.7170	0.7160
602	SGI	1.1000	1.1190	1.1190	1.1170	1.1170	1.1170
603	SGI	0.0000	0.0024	0.0024	0.0023	0.0025	0.0025
604	FR	0.6140	0.7190	0.7170	0.7170	0.7170	0.7160
605	FR	0.8482	0.9690	0.9690	0.9730	0.9680	0.9680
606	FR	1.7360	2.3700	2.3905	2.3900	2.3900	2.3900
607	FR	110.0000	110.2000	110.1000	110.1000	110.1000	110.1000
608	FR	121.0000	126.1000	126.1000	126.1000	125.9000	126.1000
609	FR	155.5400	154.5000	154.3000	154.3000	154.5000	154.3000
610	FR	311.1000	313.5000	313.5000	313.7000	313.8000	313.7000
611	SGP	110.0000	111.9000	111.9000	112.1000	111.9000	112.1000
612	SGP	121.0000	129.9000	129.9000	129.9000	129.9000	129.9000
613	SGP	1.0000	1.0001	1.0000	1.0001	1.0002	1.0001
614	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
615	FR	121.0000	126.1000	126.1000	126.1000	126.1000	125.9000
616	FR	155.5400	154.5000	154.5000	154.2000	154.5000	154.7000
617	FR	311.1000	313.9000	313.6000	313.5000	313.9000	314.0000
701	FR	1.0000	1.0010	0.9990	0.9990	1.0010	0.9990
702	FR	2.0000	2.0170	2.0170	2.0180	2.0200	2.0150
801	FR	999.9940	999.9950	999.9970	999.9960	962.7440	989.3550
803	PGN	99.9000	99.9940	99.9940	99.9941	99.9940	99.9940
804	PGN	30.0000	30.4922	30.8300	30.8500	30.8700	30.8930
805	PGN	99.9900	99.9886	99.9885	99.9886	99.9886	99.9886
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9994	9.9995	9.9994	9.9994	9.9994
809	FR	999.9950	999.9950	999.9940	995.4950	999.3950	999.9940

DATA SET 2

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FP	7.8000	7.8010	7.8040	7.8060	7.8050	7.8040
102	STP	-7.5000	-7.5000	-7.4990	-7.4990	-7.4990	-7.4990
103	DC1	8.0000	8.9930	8.9940	8.9940	8.9890	8.9890
104	DA1	8.0000	8.9990	8.9990	8.9990	8.9990	8.9990
105	FP	7.8000	7.8040	7.8070	7.8070	7.8050	7.8050
106	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
107	FP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PS1	230.0000	236.5000	236.5000	236.6000	236.7000	236.5000
109	FP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	-0.	0.5000	0.7000	0.5000	0.6000
111	FP	503.2100	499.9000	499.9000	499.8000	499.9000	499.9000
112	DA2	900.0000	895.1000	895.1000	894.8000	895.4000	895.5000
113	FP	503.2100	499.1000	499.9000	499.9000	500.1000	500.1000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FP	8.8198	8.8150	8.8160	8.8160	8.8130	8.8180
202	STP	8.0000	8.9990	8.9970	8.9980	8.9990	8.9970
203	FP	8.8198	8.8180	8.8190	8.8210	8.8170	8.8150
204	SI	0.	0.8790	0.8850	0.8870	0.8840	0.8870
205	FP	80.0500	80.6000	80.5900	80.6100	80.5900	80.6100
206	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
207	FP	815.9000	820.0000	820.4000	820.3000	820.1000	820.8000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FP	999.9960	1000.0010	1000.0010	1000.0000	1000.0000	1000.0010
302	STP	900.0000	900.0000	899.9990	899.9990	900.0000	899.9990
303	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0041	0.0050	0.0050	0.0050	0.0050
401	FP	5.6280	5.6230	5.6210	5.6210	5.6220	5.6210
402	STP	7.0000	6.9960	6.9950	6.9980	6.9990	6.9970
403	FP	5.6280	5.6270	5.6250	5.6250	5.6270	5.6250
404	SI	0.	0.0070	0.0070	0.0070	0.0090	0.0090
405	FP	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4750	0.4770	0.4790	0.4770	0.4750
407	FP	7.0580	8.0660	8.0750	8.0730	8.0770	8.0730
408	SI	0.	0.8700	0.8900	0.8900	0.8900	0.8900
409	FP	15.9160	13.7300	13.7700	13.7500	13.7700	13.7300
410	SG1	0.0000	0.0120	0.0140	0.0120	0.0130	0.0130
411	SG1	0.0810	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.9000	0.8950	0.8950	0.8950	0.8950	0.8950
413	SG1	0.4000	0.3996	0.3995	0.3995	0.3996	0.4000
414	SG2	0.0000	0.0210	0.0210	0.0210	0.0210	0.0210
415	SGP	90.0000	90.3100	90.3400	90.3400	90.3300	90.3300
416	SGO	0.0000	0.9940	0.9930	0.9930	0.9950	0.9930
417	SGO	0.0000	0.0080	0.0100	0.0090	0.0090	0.0090
418	FP	5.6280	5.6250	5.6240	5.6250	5.6270	5.6250
500	SI	0.	0.0050	0.0070	0.0070	0.0060	0.0070
501	FP	0.9770	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1010	1.1010	1.1010	1.1010	1.1010
503	SG1	0.0200	0.0463	0.0487	0.0477	0.0445	0.0472
504	FP	0.9550	0.9570	0.9670	0.9650	0.9670	0.9550

DATA SET 2

505	FP	1.3810	1.2920	1.2970	1.2970	1.3010	1.3030
506	FP	2.7620	2.9700	2.9900	2.9900	2.9900	2.9700
507	SGI	1.2100	1.2590	1.2610	1.2610	1.2590	1.2590
508	SGI	1.5556	1.5190	1.5270	1.5270	1.5230	1.5230
509	SGI	3.1100	3.2900	3.2700	3.2700	3.2900	3.2900
510	FP	0.9650	0.9670	0.9670	0.9670	0.9650	0.9670
511	FP	1.3810	1.2970	1.2970	1.2970	1.2970	1.3010
512	FP	2.7620	2.9900	2.9500	2.9500	2.9500	2.9700
513	SI	0.	0.7000	0.6000	0.7000	0.5000	0.5000
514	FP	110.0300	110.1000	110.1000	110.1000	109.9000	110.1000
515	SI	0.	0.7000	0.7000	0.9000	0.7000	0.9000
516	FP	121.0000	125.9000	125.7000	125.7000	125.7000	125.7000
517	SI	0.	0.	0.	0.	0.	0.
518	FP	155.5600	154.7000	154.4000	154.3000	154.1000	154.1000
519	SI	0.	8.9000	8.9000	8.7000	8.7000	8.7000
520	FP	311.1000	313.3000	313.2000	313.1000	312.9000	312.9000
521	SGP	110.0000	110.8000	110.9000	110.7000	110.7000	111.1000
522	SGP	121.0000	127.3000	127.3000	127.3000	127.3000	127.3000
523	SGP	155.5600	155.1000	155.3000	155.3000	155.1000	155.0000
524	SGP	311.1000	312.9000	313.3000	313.3000	313.3000	313.1000
525	SGP	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
526	FP	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
527	FP	121.0000	125.7000	125.7000	125.7000	125.8000	125.7000
528	FP	155.5600	154.5000	154.5000	154.7000	154.7000	154.5000
529	FP	311.1000	313.1000	313.1000	313.2000	313.3000	313.3000
531	FP	0.6140	0.7130	0.7130	0.7110	0.7110	0.7110
532	SGI	1.1000	1.1050	1.1050	1.1050	1.1050	1.1050
533	SGI	9.0000	9.0025	9.0026	9.0026	9.0026	9.0029
534	FP	0.6140	0.7110	0.7110	0.7090	0.7090	0.7090
535	FP	0.9682	0.9130	0.9190	0.9190	0.9150	0.9150
536	FP	1.7340	2.3100	2.3300	2.3300	2.3100	2.3100
537	FP	110.0000	110.2000	110.3000	110.3000	110.3000	110.3000
538	FP	121.0000	125.9000	125.9000	125.9000	126.1000	126.1000
539	FP	155.5600	154.1000	154.3000	154.4000	154.3000	154.3000
610	FP	311.1000	313.3000	313.5000	313.7000	313.3000	313.5000
611	SGP	110.0000	111.9000	111.9000	111.9000	112.1000	111.9000
612	SGP	121.0000	129.7000	129.7000	129.7000	129.7000	129.7000
613	SGP	1.0000	1.0008	1.0002	1.0002	1.0003	1.0002
614	FP	110.0000	110.3000	110.1000	110.3000	110.2000	110.1000
615	FP	121.0000	126.1000	125.9000	125.9000	126.1000	125.9000
616	FP	155.5600	154.5000	154.1000	153.9000	154.1000	154.3000
617	FP	311.1000	313.5000	313.3000	313.3000	313.3000	313.3000
701	FP	1.0000	0.9430	0.9410	0.9450	0.9450	0.9440
702	FP	2.0000	1.9990	1.9950	1.9930	1.9880	1.9900
801	FP	999.9960	997.1610	999.9950	999.9950	999.9950	999.9950
803	PGN	99.9000	99.9941	99.9942	99.9942	99.9941	99.9942
804	PGN	30.0000	30.7900	30.8200	30.7500	30.7700	30.6500
805	PGN	99.9999	99.9887	99.9887	99.9887	99.9887	99.9887
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9994	9.9994	9.9994	9.9994
810	FP	999.9960	999.9950	999.9950	999.9950	999.9950	999.9950

DATA SET 3

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.8000	7.8010	7.8020	7.8010	7.8010
102	STR	-7.5000	-7.5000	-7.5000	-7.5000	-7.5000	-7.5010
103	DC1	0.0000	8.9850	8.0850	8.0900	8.0850	8.0800
104	DA1	0.0000	8.9000	8.0000	8.0000	8.0000	8.0000
105	FR	7.8000	7.8010	7.8010	7.8050	7.8010	7.8050
106	SI	0.	-0.	0.1000	0.1000	0.1000	0.1000
107	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PS1	230.0000	236.7000	236.7000	236.7000	236.7000	236.7000
109	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.2000	0.3000	0.3000	0.3000	0.3000
111	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
112	DA2	900.0000	895.1000	895.2000	895.1000	895.2000	895.1000
113	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8190	8.8150	8.8190	8.8190	8.8180
202	STR	0.0000	8.9980	8.9980	8.9940	8.9970	8.9980
203	FR	8.8198	8.8150	8.8210	8.8140	8.8180	8.8190
204	SI	0.	0.8850	0.8890	0.8890	0.8910	0.8910
205	FR	80.0500	80.6000	80.6000	80.6100	80.6000	80.6100
206	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
207	FR	819.9000	819.8000	819.5000	819.7000	819.3000	819.8000
300	SI	0.	0.3010	0.3010	0.3010	0.3010	0.3010
301	FR	999.9940	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	899.9990	899.9990	899.9990	899.9990	900.0000
303	FR	999.9940	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
401	FR	5.6280	5.6250	5.6270	5.6250	5.6210	5.6250
402	STR	7.0000	6.9950	6.9950	6.9950	6.9950	6.9970
403	FR	5.6280	5.6250	5.6280	5.6270	5.6250	5.6250
404	SI	0.	0.0090	0.0090	0.0090	0.0090	0.0090
405	FR	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4740	0.4700	0.4700	0.4700	0.4750
407	FR	7.0580	8.0780	8.0770	8.0800	8.0800	8.0830
408	SI	0.	0.8000	0.8000	0.8100	0.8000	0.8000
409	FR	15.5160	13.7300	13.7500	13.7700	13.7500	13.7700
410	SG1	0.0000	0.0180	0.0170	0.0150	0.0140	0.0150
411	SG1	0.0810	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.0000	0.8950	0.8950	0.8950	0.8950	0.8950
413	SG1	0.4000	0.3998	0.3997	0.3997	0.3997	0.3996
414	SG2	0.0000	0.0210	0.0220	0.0220	0.0210	0.0210
415	SGP	99.8000	99.3230	99.3200	99.3500	99.3300	99.3400
416	SG0	0.0000	8.9910	8.0000	8.0910	8.0910	8.0910
417	SG0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
418	FR	5.6280	5.6270	5.6270	5.6240	5.6250	5.6300
500	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
501	FR	0.9670	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1010	1.1010	1.1010	1.1010	1.1010
503	SG1	0.0200	0.0525	0.0515	0.0515	0.0441	0.0431
504	FR	0.9550	0.9670	0.9650	0.9650	0.9670	0.9650

DATA SET 3

505	FP	1.3810	1.2990	1.3050	1.3030	1.3050	1.3030
506	FP	2.7620	2.9500	2.9600	2.9700	2.9900	2.9500
507	SG1	1.2100	1.2590	1.2590	1.2590	1.2590	1.2590
508	SG1	1.5556	1.5270	1.5270	1.5230	1.5150	1.5240
509	SG1	3.1150	3.2700	3.2900	3.3100	3.2700	3.2700
510	FR	0.9550	0.9670	0.9650	0.9670	0.9650	0.9650
511	FP	1.3810	1.2990	1.3030	1.3070	1.2990	1.3070
512	FP	2.7620	2.9900	2.9700	2.9700	2.9700	2.9900
513	SI	0.	0.5000	0.5000	0.5000	0.5000	0.5000
514	FP	110.0300	110.1000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	0.9000	0.9000	0.9000	0.9000	0.9000
516	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.7000
517	SI	0.	0.	0.	0.	0.	0.
518	FP	155.5600	154.4000	154.5000	154.3000	154.7000	154.3000
519	SI	0.	8.7000	8.1000	8.9000	9.1000	8.7000
520	FP	311.1000	312.9000	313.3000	313.3000	313.4000	313.0000
521	SGP	110.0000	110.7000	110.9000	110.9000	110.9000	110.7000
522	SGP	121.0000	127.5000	127.5000	127.5000	127.5000	127.5000
523	SGP	155.5600	155.3000	155.3000	155.4000	155.1000	155.1000
524	SGP	311.1000	313.3000	313.1000	313.3000	313.1000	313.2000
525	SGP	0.0200	0.0201	0.0201	0.0200	0.0200	0.0200
526	FP	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
527	FP	121.0000	125.9000	125.7000	125.9000	125.9000	125.9000
528	FP	155.5600	154.8000	154.5000	154.3000	154.5000	154.7000
529	FP	311.1000	313.1000	313.3000	313.3000	313.3000	313.3000
601	FP	0.5140	0.7270	0.7270	0.7270	0.7270	0.7250
602	SG1	1.1000	1.1090	1.1070	1.1070	1.1070	1.1040
603	SG1	0.0000	0.0053	0.0037	0.0036	0.0037	0.0037
604	FP	0.4140	0.7270	0.7250	0.7250	0.7250	0.7250
605	FP	0.8682	0.9430	0.9430	0.9450	0.9400	0.9470
606	FR	1.7360	2.3900	2.3900	2.3900	2.3700	2.3900
607	FP	110.0000	110.3000	110.2000	110.3000	110.1000	110.3000
608	FP	121.0000	125.3000	125.9000	125.1000	125.1000	125.1000
609	FP	155.5600	154.3000	154.7000	154.3000	154.5000	154.5000
610	FP	311.1000	313.3000	313.7000	313.3000	313.7000	313.5000
611	SGP	110.0000	112.1000	112.1000	112.1000	112.1000	112.1000
612	SGP	121.0000	129.9000	129.9000	129.9000	129.9000	129.9000
613	SGP	1.0000	1.0071	1.0002	1.0002	1.0007	1.0002
614	FP	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
615	FP	121.0000	125.1000	125.9000	125.9000	125.1000	125.1000
616	FP	155.5600	154.5000	154.1000	154.3000	154.1000	154.3000
617	FP	311.1000	313.7000	313.4000	313.3000	313.3000	313.5000
701	FP	1.0000	0.9630	0.9620	0.9650	0.9670	0.9730
702	FP	2.0000	2.0150	2.0110	2.0150	2.0200	2.0270
703	FP	999.9960	999.9940	997.5500	999.5350	999.9955	997.5400
803	PGM	99.9000	99.9041	99.9041	99.9041	99.9041	99.9041
804	PGM	30.0000	30.8900	30.8700	30.8500	30.8300	30.8900
805	PGM	99.9000	99.9997	99.9997	99.9997	99.9997	99.9997
806	PGM	0.0050	0.0052	0.0053	0.0053	0.0053	0.0053
807	PGM	10.0000	0.9994	0.9994	0.9994	0.9994	0.9994
808	FP	999.9960	999.9960	999.9960	999.9940	999.9940	999.9960

DATA SET 4

100	SI	0.	0.	-0.	0.0010	0.0010	0.0010
101	EP	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
102	STP	-7.5000	-7.4990	-7.4990	-7.4990	-7.4990	-7.4990
103	DC1	9.0000	8.9810	8.9850	8.9810	8.9810	8.9840
104	DA1	9.0000	8.9970	8.9970	8.9970	8.9960	8.9980
105	EP	7.8000	7.7990	7.7990	7.7990	7.7990	7.8000
106	SI	0.	-0.	-0.	-0.	-0.	-0.
107	EP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PS1	230.0000	236.9000	236.9000	236.9000	236.9000	236.9000
109	EP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
111	EP	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
112	DA2	900.0000	895.5000	895.1000	895.1000	895.1000	895.0000
113	EP	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
200	SI	0.	0.0020	0.0030	0.0030	0.0030	0.0030
201	EP	8.8150	8.8240	8.8150	8.8150	8.8150	8.8150
202	STP	9.0000	9.0020	8.9990	8.9980	8.9950	8.9950
203	EP	8.8190	8.8250	8.8200	8.8180	8.8150	8.8150
204	SI	0.	0.8610	0.8770	0.8850	0.8910	0.8950
205	EP	80.0500	80.4900	80.6900	80.6800	80.6500	80.6500
206	SI	0.	0.1000	0.	0.1000	0.1000	0.1000
207	EP	819.0000	820.2000	819.0000	819.0000	819.0000	819.0000
300	SI	0.	0.0010	0.0010	0.0010	0.0020	0.0010
301	EP	999.9960	1000.0010	1000.0010	1000.0000	1000.0010	1000.0000
302	STP	900.0000	900.0000	899.9990	900.0010	899.9960	899.9990
303	EP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	EP	5.6280	5.6290	5.6270	5.6270	5.6250	5.6270
402	STP	7.0000	6.9970	6.9950	6.9950	6.9950	6.9950
403	EP	5.6280	5.6310	5.6290	5.6310	5.6270	5.6260
404	SI	0.	0.0130	0.0140	0.0130	0.0130	0.0110
405	EP	0.3170	0.3210	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4850	0.4830	0.4790	0.4810	0.4790
407	EP	7.9580	8.0850	8.0920	8.0900	8.0840	8.0840
408	SI	0.	0.8900	0.8700	0.8100	0.8900	0.8900
409	EP	15.9160	13.7300	13.7500	13.7700	13.7500	13.7700
410	SG1	0.0000	0.0160	0.0170	0.0160	0.0080	0.0140
411	SG1	0.0810	0.0750	0.0750	0.0750	0.0760	0.0750
412	SG1	0.9000	0.8950	0.8950	0.8950	0.8950	0.8950
413	SG1	0.4000	0.3997	0.3997	0.3995	0.3997	0.3997
414	SG2	0.0000	0.0220	0.0230	0.0230	0.0210	0.0220
415	SGP	90.0000	90.3100	90.3200	90.3300	90.3300	90.3300
416	SGO	0.0000	0.9910	0.9895	0.9890	0.9885	0.9880
417	SGO	0.0000	0.0110	0.0100	0.0090	0.0090	0.0090
418	EP	5.6280	5.6330	5.6310	5.6250	5.6260	5.6250
500	SI	0.	0.0030	0.0030	0.0030	0.0040	0.0050
501	EP	0.9770	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1010	1.1010	1.1010	1.1010	1.1010
503	SG1	0.0200	0.0415	0.0444	0.0482	0.0395	0.0472
504	EP	0.9550	0.9670	0.9670	0.9670	0.9660	0.9650

DATA SET 4

505	FP	1.3810	1.3050	1.3030	1.3030	1.3030	1.3070
506	FP	2.7620	2.9700	2.9500	2.9700	2.9700	2.9700
507	SG1	1.2100	1.2610	1.2610	1.2610	1.2610	1.2610
508	SG1	1.5556	1.5230	1.5230	1.5270	1.5200	1.5270
509	SG1	3.1100	3.2700	3.2700	3.2900	3.2900	3.2900
510	FP	0.9550	0.9670	0.9670	0.9670	0.9670	0.9660
511	FP	1.3810	1.3070	1.3070	1.3240	1.3010	1.3110
512	FP	2.7620	2.9700	2.9800	2.9500	2.9500	2.9900
513	SI	0.	0.3000	0.4000	0.5000	0.4000	0.5000
514	FP	110.0300	110.1000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	1.3000	1.3000	1.3000	1.2000	1.1000
516	FP	121.0000	126.1000	126.0000	125.9000	125.9000	125.9000
517	SI	0.	0.	0.	0.	0.	0.
518	FP	155.5600	154.5000	154.5000	154.5000	154.5000	154.3000
519	SI	0.	8.9000	8.7000	8.9000	8.9000	8.7000
520	FP	311.1000	312.9000	312.9000	313.0000	313.1000	313.1000
521	SGP	110.0000	110.7000	110.8000	110.8000	110.7000	110.8000
522	SGP	121.0000	127.7000	127.5000	127.5000	127.4000	127.5000
523	SGP	155.5600	155.5000	155.3000	155.5000	155.3000	155.3000
524	SGP	311.1000	313.1000	313.0000	313.1000	312.9000	313.2000
525	SGP	0.0200	0.0201	0.0201	0.0200	0.0200	0.0201
526	FP	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
527	FP	121.0000	126.1000	126.1000	125.9000	125.9000	125.9000
528	FP	155.5600	154.7000	154.5000	154.3000	154.4000	154.3000
529	FP	311.1000	313.0000	312.9000	312.8000	312.9000	312.9000
531	FP	0.6140	0.7210	0.7190	0.7190	0.7170	0.7160
532	SG1	1.1000	1.1150	1.1140	1.1110	1.1110	1.1090
533	SG1	0.0000	0.0017	0.0032	0.0020	0.0023	0.0023
534	FP	0.6140	0.7210	0.7190	0.7170	0.7170	0.7150
535	FP	0.8682	0.9310	0.9350	0.9270	0.9280	0.9530
536	FP	1.7360	2.3700	2.3700	2.3300	2.3305	2.3305
537	FP	110.0000	110.1000	110.1000	110.1000	110.2000	110.1000
538	FP	121.0000	126.1000	126.1000	125.0000	125.1000	125.1000
539	FP	155.5600	154.5000	154.3000	154.3000	1[illegible] 5000	154.3000
540	FP	311.1000	313.5000	313.2000	313.3000	313.3000	313.3000
541	SGP	110.0000	111.9000	111.9000	111.9000	112.0000	111.9000
542	SGP	121.0000	129.9000	129.9000	129.9000	129.9000	129.9000
543	SGP	1.0000	1.0001	1.0002	1.0001	1.0001	1.0001
544	FP	110.0000	110.1000	110.1000	110.2000	110.1000	110.2000
545	FP	121.0000	126.1000	126.1000	126.1000	126.1000	126.1000
546	FP	155.5600	154.3000	154.5000	154.1000	154.1000	154.3000
547	FP	311.1000	313.2000	313.2000	313.1000	313.3000	313.1000
731	FP	1.0000	0.9630	0.9650	0.9580	0.9570	0.9580
732	FP	2.0000	2.0160	2.0110	2.0030	2.0030	2.0030
801	FP	999.9960	999.5953	998.4530	999.5960	999.9950	998.2110
803	PGN	99.9990	99.9940	99.9940	99.9940	99.9941	99.9941
804	PGN	30.0000	30.4952	29.9905	30.8400	30.8900	30.8100
805	PGN	99.9999	99.9897	99.9892	99.9856	99.9886	99.9887
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9994	9.9994	9.9995	9.9994	9.9994
809	FP	999.9960	999.9960	999.9950	999.9950	999.9950	999.9950

DATA SET 5

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.9000	7.7980	7.7980	7.8000	7.7980	7.8010
102	STR	-7.5000	-7.4990	-7.5000	-7.5000	-7.5000	-7.5010
103	DC1	8.0000	8.9840	8.9820	8.9840	8.9850	8.9850
104	DA1	8.0000	8.9970	8.9970	8.9970	8.9970	8.9990
105	FR	7.8000	7.7980	7.7980	7.7980	7.7980	7.8010
106	SI	0.	0.1000	0.1000	-0.	0.1000	-0.
107	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PS1	230.0000	236.7000	236.7000	236.7000	236.7000	236.7000
109	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.1000	0.2000	0.1000	0.1000	0.1000
111	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
112	DA2	900.0000	894.9000	894.9000	894.9000	894.8000	895.1000
113	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8160	8.8130	8.8140	8.8150	8.8150
202	STR	9.0000	8.9950	8.9930	8.9940	8.9940	8.9950
203	FR	8.8198	8.8140	8.8130	8.8150	8.8150	8.8150
204	SI	0.	0.8910	0.8930	0.8890	0.8890	0.8890
205	FR	80.0500	80.6300	80.6400	80.6100	80.6300	80.6100
206	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
207	FR	819.9000	819.8000	820.0000	820.0000	819.8000	819.7000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	900.9940	1000.0000	1000.0000	1000.0000	1000.0000	1000.0010
302	STR	900.0000	900.0000	899.9990	899.9990	899.9990	900.0000
303	FR	900.9940	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0040	0.0030	0.0030	0.0030
401	FR	5.6280	5.6270	5.6260	5.6230	5.6250	5.6230
402	STR	7.0000	6.9950	6.9940	6.9950	6.9950	6.9950
403	FR	5.6280	5.6270	5.6270	5.6250	5.6250	5.6250
404	SI	0.	0.0110	0.0090	0.0090	0.0090	0.0090
405	FR	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4810	0.4810	0.4700	0.4750	0.4750
407	FR	7.9580	8.0800	8.0860	8.0800	8.0200	8.0790
408	SI	0.	0.8920	0.9000	0.8700	0.8700	0.8700
409	FR	15.9160	13.7500	13.7400	13.7200	13.7300	13.7300
410	SG1	0.0000	0.0140	0.0140	0.0150	0.0130	0.0130
411	SG1	0.0810	0.0770	0.0750	0.0750	0.0750	0.0770
412	SG1	0.9000	0.8950	0.8930	0.8930	0.8930	0.8930
413	SG1	0.4000	0.3956	0.3997	0.3995	0.3998	0.3995
414	SG2	0.0000	0.0210	0.0210	0.0220	0.0210	0.0210
415	SGP	90.0000	90.3300	90.3100	90.3300	90.3200	90.3100
416	SGO	0.0000	0.9890	0.9890	0.9890	0.9890	0.9890
417	SGO	0.0000	0.0100	0.0000	0.0000	0.0000	0.0000
418	FR	5.6280	5.6280	5.6260	5.6270	5.6260	5.6260
500	SI	0.	0.0050	0.0050	0.0040	0.0050	0.0050
501	FR	0.9770	0.9670	0.9650	0.9550	0.9660	0.9660
502	SG1	1.1000	1.1010	1.1010	1.1010	1.1010	1.1010
503	SG1	0.0200	0.0489	0.0469	0.0456	0.0497	0.0391
504	FR	0.9550	0.7660	0.9450	0.9450	0.9650	0.9470

DATA SET 5

505	FR	1.3910	1.3070	1.3090	1.3070	1.3090	1.3090
506	FR	2.7620	2.9500	2.9700	2.9900	2.9700	2.9900
507	SG1	1.2100	1.2590	1.2590	1.2590	1.2590	1.2590
508	SG1	1.5556	1.5250	1.5270	1.5190	1.5190	1.5230
509	SG1	3.1100	3.2700	3.2900	3.2700	3.2700	3.2900
510	FR	0.9550	0.9670	0.9670	0.9650	0.9670	0.9550
511	FR	1.3910	1.3070	1.3090	1.3070	1.3530	1.3090
512	FR	2.7620	2.9700	2.9700	2.9500	2.9500	2.9500
513	SI	0.	0.5000	0.5000	0.5000	0.5000	0.4000
514	FR	110.0300	110.1000	110.1000	109.9000	110.1000	110.1000
515	SI	0.	1.1000	0.9000	0.9000	0.9000	0.9000
516	FR	121.0000	125.9000	125.9000	125.7000	125.8000	125.7000
517	SI	0.	0.	0.	0.	0.	0.
518	FR	155.5600	154.3000	154.3000	154.5000	154.7000	154.3000
519	SI	0.	8.7000	8.9000	8.9000	9.1000	8.9500
520	FR	311.1000	312.9000	313.1000	313.3000	313.2000	313.2000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	127.3000	127.5000	127.5000	127.5000	127.5000
523	SGP	155.5600	155.3000	155.4000	155.2000	155.1000	155.4000
524	SGP	311.1000	313.1000	313.3000	312.9000	313.0000	313.2000
525	SGP	0.0200	0.0200	0.0200	0.0200	0.0201	0.0202
526	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
527	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
528	FR	155.5600	154.3000	154.2000	154.3000	154.5000	154.1000
529	FR	311.1000	312.9000	312.9000	313.1000	313.2000	312.9000
601	FR	0.6140	0.7150	0.7150	0.7130	0.7130	0.7130
602	SG1	1.1000	1.1080	1.1070	1.1050	1.1050	1.1050
603	SG1	9.0000	9.0023	9.0020	9.0013	9.0013	9.0013
604	FR	0.6140	0.7150	0.7130	0.7130	0.7130	0.7130
605	FR	0.8682	0.9310	0.9290	0.9290	0.9250	0.9310
606	FR	1.7360	2.3700	2.3300	2.3100	2.3200	2.3300
607	FR	110.0000	110.1000	110.2000	110.1000	110.1000	110.1000
608	FR	121.0000	125.9000	126.1000	126.1000	126.1000	125.9000
609	FR	155.5600	154.1000	154.1000	154.3000	154.2000	154.0000
610	FR	311.1000	313.2000	313.1000	313.1000	313.5000	313.3000
611	SGP	110.0000	111.9000	111.9000	111.9000	111.9000	111.9000
612	SGP	121.0000	129.9000	129.9000	129.9000	129.7000	129.9000
613	SGP	1.0000	1.0002	1.0001	1.0002	1.0002	1.0001
614	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
615	FR	121.0000	126.1000	126.1000	125.9000	126.9000	126.1000
616	FR	155.5600	154.4000	154.3000	154.1000	153.9000	154.3000
617	FR	311.1000	313.9000	313.4000	313.2000	313.2000	313.2000
701	FR	1.0300	0.9630	0.9670	0.9710	0.9720	0.9640
702	FR	2.6000	2.0190	2.0230	2.0210	2.0260	2.0170
801	FR	999.9960	999.9960	999.9950	999.9950	985.0410	999.9950
803	PGN	99.0000	99.9941	99.9941	99.9941	99.9941	99.9941
804	PGN	30.0000	30.7900	30.8922	30.8300	30.8200	30.7900
805	PGN	99.999	99.9892	99.9892	99.9892	99.9892	99.9892
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9994	9.9995	9.9994	9.9994	9.9995
809	FR	999.9940	999.9950	999.9960	999.9960	999.9950	999.9950

DATA SET 6

100	SI	0.	0.	0.	-0.	0.	-0.
101	ER	7.8000	7.8010	7.8000	7.8010	7.8020	7.8010
102	STR	-7.5000	-7.5000	-7.5000	-7.5010	-7.5010	-7.5010
103	DCI	8.0000	8.9860	8.9860	8.9850	8.9900	8.9890
104	DA1	8.0000	8.9970	8.9990	8.9990	8.9990	8.9990
105	ER	7.8000	7.8000	7.8000	7.8000	7.8000	7.8000
106	SI	0.	-0.	-0.	-0.	-0.	-0.
107	ER	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PSI	230.0000	236.7000	236.5000	236.7000	236.7000	236.7000
109	ER	223.0000	223.1000	222.9000	223.1000	223.1000	223.1000
110	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
111	ER	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
112	DA2	900.0000	895.1000	895.1000	895.1000	895.1000	895.1000
113	ER	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	ER	8.8198	8.8140	8.8130	8.8140	8.8140	8.8130
202	STR	8.0000	8.9930	8.9930	8.9920	8.9920	8.9930
203	ER	8.8198	8.8130	8.8110	8.8110	8.8110	8.8130
204	SI	0.	0.8890	0.8910	0.8890	0.8910	0.8910
205	ER	80.0500	80.6400	80.6100	80.6100	80.6000	80.6300
206	SI	0.	0.1000	0.	0.	0.1000	0.1000
207	ER	819.0000	819.8000	819.8000	819.8000	819.7000	819.8000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	ER	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	899.9990	900.0000	899.9990	900.0000	899.9990
303	ER	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0040	0.0030
401	ER	5.6280	5.6240	5.6230	5.6250	5.6270	5.6250
402	STR	7.0000	6.9950	6.9950	6.9950	6.9950	6.9950
403	ER	5.6280	5.6210	5.6260	5.6240	5.6250	5.6230
404	SI	0.	0.0090	0.0090	0.0090	0.0090	0.0090
405	ER	0.3170	0.3230	0.3230	0.3230	0.3230	0.3220
406	SI	0.	0.4810	0.4770	0.4740	0.4750	0.4790
407	ER	7.8580	8.0810	8.0840	8.0830	8.0840	8.0840
408	SI	0.	0.8100	0.8700	0.8700	0.8700	0.8700
409	ER	15.9160	13.7700	13.7300	13.7300	13.7300	13.7300
410	SGI	9.0000	9.0110	9.0120	9.0110	9.0110	9.0110
411	SGI	0.0810	0.0750	0.0750	0.0750	0.0750	0.0750
412	SGI	0.9000	0.8930	0.8930	0.8930	0.8930	0.8920
413	SGI	0.4000	0.3997	0.3995	0.3996	0.3997	0.3997
414	SG2	9.0000	9.0220	9.0210	9.0210	9.0210	9.0210
415	SGP	90.0000	90.3400	90.3100	90.3300	90.3300	90.3100
416	SGO	9.0000	8.9900	8.9890	8.9910	8.9900	8.9900
417	SGO	9.0000	9.0070	9.0090	9.0070	9.0090	9.0090
418	ER	5.6280	5.6250	5.6250	5.6260	5.6260	5.6250
500	SI	0.	0.0050	0.0050	0.0040	0.0050	0.0030
501	ER	0.9750	0.9650	0.9650	0.9670	0.9650	0.9670
502	SGI	1.1000	1.1010	1.0990	1.1010	1.1010	1.1010
503	SGI	0.0200	0.0479	0.0490	0.0464	0.0485	0.0489
504	ER	0.9550	0.9650	0.9650	0.9650	0.9650	0.9650

DATA SET 6

505	FR	1.3810	1.3090	1.3080	1.3130	1.3090	1.3050
506	FR	2.7620	2.9700	2.9700	2.9800	2.9700	2.9800
507	SGI	1.2100	1.2590	1.2590	1.2570	1.2570	1.2580
508	SGI	1.5556	1.5230	1.5190	1.5210	1.5270	1.5270
509	SGI	3.1100	3.2900	3.2700	3.2700	3.3100	3.2900
510	FR	0.9550	0.9650	0.9650	0.9650	0.9650	0.9650
511	FR	1.3810	1.3070	1.3050	1.3090	1.3090	1.3050
512	FR	2.7620	2.9500	2.9500	2.9500	2.9300	2.9300
513	ST	0.	0.3000	0.4000	0.3000	0.4000	0.5000
514	FR	110.0300	109.9000	110.1000	109.9000	110.1000	110.1000
515	ST	0.	0.9000	0.9000	0.9000	0.7000	0.5000
516	FR	121.0000	125.9000	125.9000	125.7000	125.7000	125.7000
517	ST	0.	0.	0.	0.	0.	0.
518	FR	155.5600	154.1000	154.5000	154.7000	154.2000	154.3000
519	ST	0.	8.9000	8.9000	8.9000	8.9000	9.7000
520	FR	311.1000	313.1000	313.3000	313.2000	313.1000	313.3000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	127.5000	127.3000	127.3000	127.3000	127.3000
523	SGP	155.5600	155.3000	155.0000	154.9000	155.3000	155.5000
524	SGP	311.1000	313.3000	313.0000	312.9000	313.4000	313.4000
525	SGP	0.0200	0.0202	0.0201	0.0201	0.0201	0.0201
526	FR	110.0000	109.5000	110.1000	110.1000	110.1000	110.1000
527	FR	121.0000	125.7000	125.7000	125.8000	125.7000	125.7000
528	FR	155.5600	154.1000	154.3000	154.3000	154.1000	154.1000
529	FR	311.1000	312.9000	313.0000	313.1000	312.9000	312.9000
601	FR	0.6140	0.7130	0.7150	0.7130	0.7130	0.7130
602	SGI	1.1000	1.1050	1.1030	1.1030	1.1030	1.1030
603	SGI	9.0000	9.0013	9.0011	9.0004	8.9999	8.9996
604	SP	0.6140	0.7130	0.7130	0.7130	0.7130	0.7130
605	FR	0.8682	0.9350	0.9290	0.9300	0.9350	0.9370
606	FR	1.7360	2.3500	2.3300	2.3300	2.3300	2.3500
607	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
608	FR	121.0000	125.9000	125.1000	125.9000	125.9000	125.9000
609	FR	155.5600	154.1000	154.3000	154.3000	153.9000	153.9000
610	FR	311.1000	313.3000	313.4000	313.5000	313.3000	313.2000
611	SGP	110.0000	111.9000	111.9000	111.9000	111.9000	111.9000
612	SGP	121.0000	129.7000	129.7000	129.7000	129.7000	129.7000
613	SGP	1.0000	1.0001	1.0000	1.0000	1.0001	1.0000
614	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
615	FR	121.0000	125.9000	125.9000	126.1000	125.9000	126.1000
616	FR	155.5600	154.3000	154.0000	153.9000	154.2000	154.5000
617	FR	311.1000	313.5000	313.2000	313.1000	313.2000	313.5000
701	FR	1.0000	0.9690	0.9670	0.9650	0.9680	0.9670
702	FR	2.0000	2.0230	2.0230	2.0140	2.0190	2.0090
801	FR	999.9960	990.9950	993.8040	987.7420	990.4720	999.1880
803	PGN	99.9999	99.9947	99.9941	99.9941	99.9942	99.9942
804	PGN	30.0000	30.4922	30.7900	30.7900	30.8300	30.7900
805	PGN	99.9999	99.9892	99.9887	99.9887	99.9887	99.9887
806	PGN	0.0050	0.0051	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9994	9.9995	9.9994	9.9994	9.9995
809	FR	999.9950	999.9950	999.9950	999.9950	999.9960	999.9960

DATA SET 7

100	SI	0.	0.	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.8010	7.8010	7.8010	7.8010	7.8000
102	STR	-7.5000	-7.5010	-7.5010	-7.5010	-7.5010	-7.5010
103	DC1	0.0000	8.9880	8.9880	8.9890	8.9850	8.9820
104	DA1	0.0000	8.9990	8.9990	8.9990	8.9990	8.9980
105	FR	7.8000	7.8020	7.8000	7.8010	7.8010	7.8000
106	SI	0.	-0.	-0.	-0.	-0.	-0.
107	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	RS1	230.0000	236.7000	236.7000	236.7000	236.7000	236.7000
109	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
111	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
112	DA2	900.0000	895.1000	895.1000	895.1000	895.1000	895.0000
113	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8130	8.8130	8.8130	8.8110	8.8100
202	STR	0.0000	8.9900	8.9930	8.9930	8.9900	8.9900
203	FR	8.8198	8.8130	8.8110	8.8110	8.8100	8.8110
204	SI	0.	0.8890	0.8910	0.8910	0.8890	0.8890
205	FR	80.0500	80.6200	80.6100	80.6200	80.6100	80.6200
206	SI	0.	-0.	0.1000	0.1000	0.	0.
207	FR	819.9000	819.9000	819.9000	819.9000	819.9000	819.9000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	900.0000	899.9990	899.9990	899.9990	899.9990
303	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0050	0.0040	0.0030	0.0030	0.0030
401	FR	5.6280	5.6240	5.6240	5.6250	5.6250	5.6270
402	STR	7.0000	6.9950	6.9950	6.9950	6.9950	6.9950
403	FR	5.6280	5.6230	5.6240	5.6250	5.6250	5.6250
404	SI	0.	0.0090	0.0090	0.0090	0.0070	0.0070
405	FR	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4790	0.4770	0.4770	0.4710	0.4770
407	FR	7.9580	8.0870	8.0800	8.0890	8.0770	8.0860
408	SI	0.	0.8900	0.8700	0.8900	0.8700	0.8900
409	FR	15.9160	13.7700	13.7300	13.7300	13.7300	13.7500
410	SG1	0.0060	0.0090	0.0090	0.0090	0.0100	0.0110
411	SG1	0.0810	0.0750	0.0750	0.0770	0.0750	0.0750
412	SG1	0.9000	0.8930	0.8930	0.8930	0.8930	0.8930
413	SG1	0.4000	0.3994	0.3995	0.3995	0.3995	0.3995
414	SG2	0.0000	0.0210	0.0210	0.0210	0.0210	0.0210
415	SGP	90.0000	90.3400	90.3400	90.3400	90.3400	90.3100
416	SGO	0.0000	8.9910	8.9890	8.9900	8.9910	8.9870
417	SGO	0.0000	0.0080	0.0090	0.0090	0.0070	0.0080
418	FR	5.6280	5.6250	5.6250	5.6230	5.6230	5.6250
500	SI	0.	0.0060	0.0050	0.0050	0.0040	0.0050
501	FR	0.9770	0.9660	0.9670	0.9660	0.9650	0.9650
502	SG1	1.1000	1.1010	1.1010	1.1010	1.1010	1.1010
503	SG1	0.0200	0.0489	0.0474	0.0455	0.0502	0.0462
504	FR	0.9550	0.9650	0.9650	0.9650	0.9650	0.9650

DATA SET 7

505	FP	1.3810	1.3050	1.3110	1.3090	1.3130	1.3090
506	FP	2.7620	2.9500	2.9700	2.9700	2.9900	2.9500
507	SG1	1.2100	1.2570	1.2570	1.2570	1.2570	1.2570
508	SG1	1.5556	1.5230	1.5230	1.5250	1.5230	1.5150
509	SG1	3.1100	3.2700	3.2500	3.2900	3.2500	3.2500
510	FR	0.9550	0.9670	0.9650	0.9650	0.9650	0.9650
511	ER	1.3810	1.3070	1.3110	1.3030	1.3050	1.3030
512	FP	2.7620	2.9900	2.9500	2.9700	2.9500	2.9300
513	SI	0.	0.5050	0.5000	0.5000	0.3000	0.4000
514	FP	110.0300	110.1000	110.1000	110.1000	110.1000	109.9000
515	SI	0.	0.9000	0.9000	0.9000	0.8000	0.7000
516	FP	121.0000	125.9000	125.7000	125.7000	125.7000	125.7000
517	SI	0.	0.	0.	0.	0.	0.
518	FP	155.5600	154.1000	154.3000	154.1000	154.3000	154.3000
519	SI	0.	8.7000	8.1000	8.7000	8.9000	8.9000
520	FP	311.1000	313.1000	313.3000	313.1000	313.3000	313.4000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	127.3000	127.3000	127.3000	127.5000	127.5000
523	SGP	155.5600	155.2000	155.0000	155.3000	155.1000	155.1000
524	SGP	311.1000	313.3000	312.9000	313.3000	313.2000	313.0000
525	SGP	0.0200	0.0200	0.0200	0.0200	0.0201	0.0201
526	FP	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
527	FP	121.0000	125.9000	125.9000	125.9000	125.7000	125.7000
528	FP	155.5600	154.5000	154.3000	154.1000	154.1000	154.3000
529	FP	311.1000	313.1000	313.0000	312.9000	313.1000	313.1000
601	FP	0.6140	0.7130	0.7130	0.7130	0.7110	0.7110
602	SG1	1.1000	1.1030	1.1030	1.1030	1.1030	1.1030
603	SG1	0.0000	8.9997	9.0001	9.0006	9.0007	9.0000
604	FP	0.6140	0.7130	0.7130	0.7130	0.7130	0.7110
605	FP	0.8682	0.9350	0.9310	0.9370	0.9310	0.9270
606	FP	1.7360	2.3700	2.3300	2.3700	2.3100	2.3100
607	FP	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
608	FP	121.0000	126.1000	126.1000	126.0000	125.9000	125.9000
609	FP	155.5600	154.1000	154.2000	153.9000	154.1000	154.1000
610	FP	311.1000	313.3000	313.5000	313.3000	313.3000	313.3000
611	SGP	110.0000	111.9000	111.9000	111.9000	111.9000	111.9000
612	SGP	121.0000	129.7000	129.7000	129.7000	129.9000	129.7000
613	SGP	1.0000	1.0001	1.0001	1.0002	1.0002	1.0002
614	FP	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
615	FP	121.0000	125.9000	126.1000	125.9000	125.9000	125.9000
616	FP	155.5600	154.3000	153.9000	154.3000	154.0000	153.9000
617	FP	311.1000	313.5000	313.3000	313.5000	313.2000	313.3000
701	FP	1.0000	0.9690	0.9650	0.9680	0.9670	0.9670
702	FP	2.0000	2.0150	2.0130	2.0150	2.0150	2.0190
801	FP	999.9940	979.7490	988.2560	958.7800	994.5580	981.1220
803	PGN	99.0000	99.9942	99.9942	99.9942	99.9942	99.9942
804	PGN	30.0000	30.7910	30.7800	30.7600	30.7600	30.7900
805	PGN	99.0000	99.9892	99.9888	99.9892	99.9892	99.9888
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	0.9994	0.9995	0.9994	0.9995	0.9994
810	FP	999.9960	999.9950	999.9950	999.9950	999.9950	999.9950

DATA SET 8

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	EP	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
102	STP	-7.5000	-7.4990	-7.4990	-7.4990	-7.4990	-7.4990
103	DCI	0.0000	0.0120	0.0090	0.0090	0.0140	0.0110
104	DA1	0.0000	8.9940	8.9950	8.9930	8.9940	8.9930
105	EP	7.8500	7.8030	7.8030	7.8020	7.8020	7.8030
106	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
107	EP	223.0000	223.2000	223.1000	223.0000	223.0000	223.1000
108	PS1	230.0000	236.3000	234.3000	236.3000	236.3000	234.3000
109	EP	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
110	SI	0.	0.3000	0.5000	0.4000	0.3000	0.5000
111	EP	503.2100	500.0000	500.0000	499.9000	499.9000	500.0000
112	DS2	900.0000	892.7000	892.7000	892.8000	892.4000	892.7000
113	EP	503.2200	500.3000	500.4000	500.4000	500.4000	500.4000
200	SI	0.	0.0040	0.0040	0.0040	0.0040	0.0040
201	EP	8.8198	8.8330	8.8300	8.8300	8.8300	8.8280
202	STR	0.0000	0.0190	0.0130	0.0130	0.0130	0.0120
203	EP	8.8198	8.8400	8.8330	8.8330	8.8310	8.8320
204	SI	0.	0.8940	0.9050	0.9110	0.9070	0.9020
205	EP	80.0500	79.4400	79.4400	79.4500	79.4400	79.4300
206	SI	0.	0.3000	0.2000	0.3000	0.3000	0.3000
207	EP	818.0000	818.1000	818.8000	818.7000	819.0000	818.6000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	EP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STP	900.0000	900.0020	900.0020	900.0020	900.0020	900.0020
303	EP	999.9960	1000.0000	1000.0000	1000.0010	1000.0000	1000.0000
400	SI	0.	0.0120	0.0050	0.0050	0.0050	0.0050
401	EP	5.6280	5.6270	5.6270	5.6260	5.6270	5.6270
402	STP	7.0000	7.0000	7.0000	6.9990	7.0000	7.0000
403	EP	5.6280	5.6800	5.6330	5.6290	5.6320	5.6330
404	SI	0.	0.0290	0.0290	0.0270	0.0290	0.0300
405	EP	0.3170	0.3190	0.3180	0.3180	0.3180	0.3180
406	SI	0.	0.5490	0.5490	0.5450	0.5440	0.5440
407	EP	7.9580	8.1390	8.1390	8.1310	8.1390	8.1390
408	SI	0.	0.8800	0.8900	0.8900	0.8900	0.8900
409	EP	15.9160	13.4000	13.2900	13.3000	13.2800	13.2900
410	SG1	0.0000	0.1030	0.1040	0.1030	0.1030	0.1030
411	SG1	0.0810	0.0860	0.0860	0.0850	0.0860	0.0860
412	SG1	0.9000	0.9110	0.9120	0.9110	0.9110	0.9110
413	SG1	0.3000	0.3996	0.3997	0.3996	0.3996	0.3997
414	SG2	0.0000	0.0040	0.0030	0.0040	0.0040	0.0050
415	SGP	90.0000	91.1100	91.1300	91.1400	91.1300	91.1300
416	SGO	0.0000	8.9830	8.9840	8.9840	8.9870	8.9870
417	SGO	0.0000	0.0230	0.0220	0.0230	0.0230	0.0220
418	EP	5.6280	5.6600	5.6330	5.6330	5.6330	5.6320
500	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
501	EP	0.9770	0.9670	0.9670	0.9670	0.9680	0.9670
502	SG1	1.1000	1.1140	1.1150	1.1130	1.1170	1.1140
503	SG1	0.0260	0.0543	0.0563	0.0546	0.0530	0.0552
504	EP	0.9550	0.9400	0.9400	0.9400	0.9400	0.9390

DATA SET 9

505	FP	1.3810	1.3880	1.3880	1.3860	1.3850	1.3890
506	FP	2.7620	2.9100	2.9400	2.9500	2.9500	2.9300
507	SG1	1.2100	1.2460	1.2430	1.2500	1.2460	1.2460
508	SG1	1.5556	1.5850	1.5890	1.5830	1.5820	1.5850
509	SG1	3.1100	3.2500	3.2500	3.2600	3.2500	3.2500
510	FP	0.9550	0.9400	0.9410	0.9400	0.9400	0.9400
511	FP	1.3810	1.3890	1.3840	1.3810	1.3820	1.3890
512	FP	2.7620	2.9300	2.9400	2.9400	2.9400	2.9400
513	SI	0.	0.6000	0.5000	0.5000	0.5000	0.5000
514	FP	110.0300	109.9000	110.0000	109.9000	109.9000	109.9000
515	SI	0.	3.0000	2.9000	2.9000	3.0000	3.1000
516	FP	121.0000	121.2000	121.3000	121.2000	121.2000	121.3000
517	SI	0.	0.1000	0.1000	0.1000	0.2000	0.1000
518	FP	155.5600	156.8000	156.5000	156.5000	156.5000	156.5000
519	SI	0.	0.5000	0.6000	0.6000	0.6000	0.6000
520	FP	311.1000	310.9000	310.9000	311.0000	311.0000	310.9000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	122.5000	122.4000	122.5000	122.6000	122.7000
523	SGP	155.5600	157.3000	157.1000	157.1000	157.1000	157.4000
524	SGP	311.1000	310.9000	310.8000	310.9000	310.9000	310.9000
525	SGP	0.0200	0.0200	0.0201	0.0201	0.0200	0.0200
526	FP	110.0000	110.2000	110.2000	110.2000	110.2000	110.2000
527	FP	121.0000	121.4000	121.3000	121.3000	121.2000	121.3000
528	FP	155.5600	156.4000	156.5000	156.8000	156.5000	156.8000
529	FP	311.1000	310.9000	310.9000	310.9000	310.9000	311.0000
531	FP	0.6140	0.6940	0.6930	0.6930	0.6930	0.6920
532	SG1	1.1000	1.1050	1.1040	1.1040	1.1040	1.1040
533	SG1	9.0000	9.0000	9.0003	9.0002	9.0003	9.0002
534	FP	0.6140	0.6910	0.6900	0.6910	0.6900	0.6910
535	FP	0.9682	0.9900	0.9890	0.9890	0.9850	0.9890
536	FP	1.7360	2.2900	2.3000	2.3100	2.3100	2.3000
537	FP	110.0000	110.2000	110.2000	110.2000	110.3000	110.2000
538	FP	121.0000	122.0000	121.3000	121.3000	121.4000	121.2000
539	FP	155.5600	156.5000	156.3000	156.4000	156.5000	156.3000
610	FP	311.1000	311.1000	311.1000	311.1000	311.0000	311.1000
611	SGP	110.0000	112.0000	112.0000	112.0000	112.0000	112.1000
612	SGP	121.0000	125.2000	125.2000	125.2000	125.2000	125.2000
613	SGP	1.0000	1.0007	1.0008	1.0007	1.0007	1.0007
614	FP	110.0000	110.2000	110.1000	110.2000	110.2000	110.2000
615	FP	121.0000	121.3000	121.3000	121.3000	121.3000	121.3000
616	FP	155.5600	155.5000	156.5000	156.5000	155.4000	156.5000
617	FP	311.1000	311.1000	311.1000	311.1000	311.1000	311.0000
731	FP	1.0000	1.0000	1.0020	1.0310	1.0310	1.0330
732	FP	2.0300	2.1210	2.1280	2.0210	2.0100	2.0110
801	FP	999.9960	999.9960	999.9960	999.9960	999.9960	999.9940
803	PGN	99.9999	99.9950	99.9951	99.9950	99.9950	99.9950
804	PGN	30.0000	30.1100	30.1005	30.1800	30.2500	30.2100
805	PGN	99.9999	99.9896	99.9895	99.9896	99.9896	99.9895
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9995	9.9995	9.9995
809	FP	999.9960	999.9960	999.9960	999.9960	999.9960	999.9960

DATA SET 9

130	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
131	FP	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
132	STP	-7.5000	-7.5000	-7.5010	-7.5010	-7.5010	-7.5010
133	DC1	9.0000	9.0190	9.0140	9.0160	9.0120	9.0160
134	DA1	9.0000	8.9940	8.9950	8.9940	8.9960	8.9940
135	FP	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
136	SI	0.	0.2000	0.1000	0.1000	0.2000	0.2000
137	FP	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
138	PS1	230.0000	236.7000	236.6000	236.6000	236.6000	236.4000
139	FP	223.0000	223.2000	223.2000	223.2000	223.2000	223.0000
110	SI	0.	0.3000	0.3000	0.3000	0.2000	0.3000
111	FP	503.2100	500.4000	500.6000	500.4000	500.4000	500.4000
112	DA2	900.0000	893.6000	823.9368	893.6000	893.7000	893.6000
113	FP	503.2100	500.6000	498.0000	500.4000	500.6000	500.4000
230	SI	0.	0.0030	0.0020	0.0030	0.0030	0.0030
231	FP	8.8198	8.8320	8.8340	8.8340	8.8340	8.8330
232	STP	0.0000	0.0120	0.0160	0.0160	0.0130	0.0140
233	FP	8.8198	8.8310	8.8340	8.8340	8.8290	8.8340
234	SI	0.	0.9050	0.9010	0.9050	0.9040	0.9130
235	FP	80.0500	79.3300	79.3900	79.3900	79.4200	79.4200
236	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
237	FP	819.9000	818.6000	818.7000	818.8000	818.4000	818.1000
330	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
331	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
332	STP	900.0000	900.0020	900.0020	900.0020	900.0020	900.0010
333	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
430	SI	0.	0.0030	0.0020	0.0020	0.0020	0.0030
431	FP	5.6280	5.6390	5.6340	5.6360	5.6370	5.6320
432	STP	7.0000	7.0060	7.0040	7.0040	7.0030	7.0030
433	FP	5.6280	5.6390	5.6350	5.6320	5.6320	5.6330
434	SI	0.	0.0190	0.0250	0.0260	0.0270	0.0240
435	FP	0.3170	0.3170	0.3180	0.3180	0.3180	0.3180
436	SI	0.	0.5510	0.5470	0.5480	0.5490	0.5490
437	FP	7.9580	8.1330	8.1410	8.1390	8.1390	8.1380
438	SI	0.	0.9700	0.9900	0.9800	0.9900	0.9800
439	FP	15.9160	13.2800	13.2000	13.3000	13.3000	13.2900
410	SG1	0.0000	0.1100	0.1090	0.1090	0.1070	0.1070
411	SG1	0.0810	0.0830	0.0840	0.0840	0.0840	0.0850
412	SG1	0.0000	0.0130	0.0120	0.0120	0.0120	0.0120
413	SG1	0.4000	0.3996	0.3996	0.3997	0.3990	0.3996
414	SG2	0.0000	0.0000	0.0100	0.0090	0.0070	0.0060
415	SGP	90.0000	91.1800	91.1800	91.1700	91.1600	91.1600
416	SGO	0.0000	0.0000	0.0800	0.0870	0.0880	0.0890
417	SGO	0.0000	0.0250	0.0280	0.0270	0.0270	0.0260
418	FP	5.6280	5.6380	5.6340	5.6330	5.6350	5.6330
530	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
531	FP	0.9770	0.9690	0.9680	0.9680	0.9680	0.9690
532	SG1	1.1000	1.1150	1.1140	1.1140	1.1140	1.1140
533	SG1	0.0200	0.0774	0.0587	0.0557	0.0592	0.0666
534	FP	0.9550	0.9420	0.9410	0.9410	0.9400	0.9430

DATA SET 9

505	EP	1.3810	1.3850	1.3880	1.3850	1.3830	1.3890
506	EP	2.7620	2.9500	2.9500	2.9300	2.9500	2.9430
507	SG1	1.2100	1.2470	1.2460	1.2450	1.2460	1.2440
508	SG1	1.5556	1.5950	1.5910	1.5850	1.5880	1.5940
509	SG1	3.1100	3.2700	3.2800	3.2600	3.2700	3.2600
510	EP	0.9550	0.9420	0.9410	0.9400	0.9410	0.9400
511	EP	1.3810	1.3890	1.3850	1.3890	1.3880	1.3880
512	EP	2.7620	2.9500	2.9500	2.9500	2.9400	2.9500
513	SI	0.	0.3000	0.2000	0.3000	0.3000	0.3000
514	SP	110.0300	110.0000	110.0000	110.0000	110.0000	110.0000
515	SI	0.	2.1000	2.5000	2.6000	2.7000	2.8050
516	EP	121.0000	121.4000	121.3000	121.3000	121.2000	121.2000
517	SI	0.	0.2000	0.2000	0.2000	0.1000	0.1000
518	EP	155.5600	156.5000	156.5000	156.5000	156.5000	156.5000
519	SI	0.	0.7000	0.7000	0.7000	0.6000	0.6000
520	EP	311.1000	310.9000	311.1000	311.0000	310.9000	310.9000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	122.8000	122.7000	122.7000	122.6000	122.7000
523	SGP	155.5600	157.2000	157.2000	157.2000	157.1000	157.3000
524	SGP	311.1000	310.8000	310.9000	311.1000	311.0000	311.1000
525	SGP	0.0200	0.0200	0.0200	0.0201	0.0200	0.0200
526	EP	110.0000	110.2000	110.1000	110.0000	110.0000	110.0000
527	EP	121.0000	121.4000	121.3000	121.3000	121.3000	121.3000
528	EP	155.5600	156.5000	156.8000	156.5000	156.8000	156.5000
529	EP	311.1000	310.9000	310.9000	310.9000	310.9000	310.9000
531	EP	0.6140	0.7000	0.6960	0.7050	0.7030	0.7020
532	SG1	1.1000	1.1140	1.1120	1.1080	1.1070	1.1050
533	SG1	9.0000	8.9998	9.0001	9.0002	9.0002	9.0001
534	EP	0.6140	0.6990	0.6950	0.7040	0.7020	0.7010
535	EP	0.8682	0.9930	0.9900	1.0050	1.0040	0.9990
536	EP	1.7360	2.3300	2.3300	2.3500	2.3400	2.3400
537	EP	110.0000	110.2000	110.1000	110.1000	110.1000	110.0000
538	EP	121.0000	121.4000	121.4000	121.3000	121.3000	121.3000
539	EP	155.5600	156.4000	156.5000	156.5000	156.5000	156.4000
540	EP	311.1000	311.1000	311.2000	311.1000	311.1000	311.1000
541	SGP	110.0000	112.0000	112.0000	112.0000	112.0000	112.0000
542	SGP	121.0000	125.3000	125.3000	125.2000	125.2000	125.2000
543	SGP	1.0000	1.0006	1.0006	1.0007	1.0009	1.0000
544	EP	110.0000	110.1000	110.2000	110.1000	110.1000	110.1000
545	EP	121.0000	121.4000	121.4000	121.3000	121.3000	121.3000
546	EP	155.5600	156.3000	156.3000	156.4000	156.4000	156.3000
547	EP	311.1000	311.1000	311.2000	311.1000	311.1000	311.1000
731	EP	1.0000	1.0510	1.0000	0.9990	0.9920	1.0410
732	EP	2.0000	2.0450	1.9550	1.9580	1.9500	2.0300
831	EP	999.9960	998.5000	999.9960	995.9960	996.9960	998.5000
833	PGN	99.9999	99.9951	99.9950	99.9951	99.9951	99.9951
834	PGN	30.0000	30.2100	30.2000	30.2200	30.1900	30.1500
835	PGN	99.9995	99.9996	99.9995	99.9997	99.9996	99.9996
836	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
837	PGN	10.0000	9.9995	9.9995	9.9995	9.9996	9.9995
839	EP	999.9960	999.9960	999.9960	995.9960	999.9950	999.9940

DATA SET 10

130	SI	0.	0.0010	0.0010	0.0010	0.0010	-0.
131	FP	7.8000	7.7990	7.7990	7.7990	7.8000	7.7990
132	STP	-7.5000	-7.4990	-7.4990	-7.4990	-7.4990	-7.4990
133	DC1	0.0000	8.9860	8.9880	8.9830	8.9850	8.9790
134	DA1	0.0000	8.0000	8.0000	8.0000	8.0000	8.0000
135	FP	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
136	SI	0.	-0.	-0.	-0.	-0.	-0.
137	FP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
138	PS1	230.0000	236.9000	236.9000	236.9000	236.9000	236.9000
139	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
140	SI	0.	0.1000	0.2000	0.1000	0.1000	0.1000
141	FP	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
142	DA2	900.0000	895.1000	895.1000	895.1000	895.1000	894.9000
143	FP	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
230	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
231	FP	8.8198	8.8090	8.8110	8.8090	8.8130	8.8100
232	STP	9.0000	8.9890	8.9890	8.9910	8.9920	8.9890
233	FP	8.8198	8.8110	8.8130	8.8120	8.8100	8.8130
234	SI	0.	0.8790	0.8790	0.8770	0.8750	0.8750
235	FR	80.0500	80.4900	80.5200	80.5200	80.5100	80.5100
236	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
237	FP	818.9000	818.9000	818.9000	819.1000	819.1000	819.1000
330	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
331	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000.	1000.0000
332	STP	900.0000	899.9990	899.9990	899.9990	899.9990	899.9990
333	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
430	SI	0.	0.0050	0.0030	0.0050	0.0030	0.0030
431	FP	5.6280	5.6310	5.6290	5.6290	5.6300	5.6290
432	STP	7.0000	6.9950	6.9970	6.9960	6.9990	6.9960
433	FR	5.6280	5.6290	5.6290	5.6310	5.6310	5.6290
434	SI	0.	0.0090	0.0090	0.0110	0.0110	0.0110
435	FR	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
436	SI	0.	0.4830	0.4850	0.4850	0.4870	0.4890
437	FP	7.9580	8.1290	8.1260	8.1270	8.1290	8.1310
438	SI	0.	0.9300	0.9300	0.9100	0.9090	0.9100
439	FR	15.9160	13.7800	13.7900	13.7700	13.7700	13.7700
410	SG1	0.0000	0.0150	0.0190	0.0190	0.0190	0.0190
411	SG1	0.0810	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.0000	0.8950	0.8950	0.8950	0.8950	0.8950
413	SG1	0.4000	0.3995	0.3997	0.3996	0.3997	0.3997
414	SG2	0.0000	0.0210	0.0210	0.0210	0.0230	0.0210
415	SG9	90.0000	90.3000	90.3100	90.3100	90.3100	90.3100
416	SG0	0.0000	0.0920	0.0910	0.0910	0.0900	0.0910
417	SG0	0.0000	0.0110	0.0090	0.0090	0.0110	0.0110
418	FR	5.6280	5.6310	5.6330	5.6310	5.6310	5.6290
530	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
531	FP	0.0770	0.0670	0.0670	0.0670	0.0670	0.0670
532	SG1	1.1000	1.1010	1.1010	1.1010	1.1010	1.1010
533	SG1	0.0200	0.0396	0.0422	0.0427	0.0406	0.0413
534	FR	0.9550	0.0670	0.0690	0.0690	0.0670	0.0690

DATA SET 10

505	R	1.3810	1.3490	1.3470	1.3430	1.3470	1.3450
506	FP	2.7620	2.9900	3.0100	2.9900	2.9900	2.9900
507	SGI	1.2100	1.2610	1.2610	1.2610	1.2610	1.2610
508	SGI	1.5556	1.5230	1.5290	1.5310	1.5290	1.5250
509	SGI	3.1100	3.2900	3.2700	3.2900	3.2900	3.2900
510	FP	0.9550	0.9670	0.9690	0.9690	0.9690	0.9670
511	FP	1.3810	1.3470	1.3450	1.3530	1.3510	1.3530
512	FP	2.7620	3.0100	2.9900	3.0100	2.9900	3.0100
513	SI	0.	0.5000	0.5000	0.5000	0.5000	0.5000
514	FP	110.0300	110.1000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	0.9000	0.9000	0.9000	0.9000	1.1000
516	FP	121.0000	126.1000	126.1000	125.9000	126.1000	125.9000
517	SI	0.	0.	0.	0.	0.	0.
518	FP	155.5600	154.7000	154.9000	154.7000	154.9000	154.9000
519	SI	0.	0.1000	0.3000	0.1000	0.2000	0.1000
520	FP	311.1000	313.3000	313.1000	313.2000	313.2000	313.3000
521	SGP	110.0000	110.9000	110.8000	110.7000	110.7000	110.7000
522	SGP	121.0000	127.5000	127.5000	127.5000	127.5000	127.5000
523	SGP	155.5600	155.7000	155.5000	155.7000	155.7000	155.9000
524	SGP	311.1000	313.3000	312.9000	312.9000	312.9000	313.1000
525	SGP	0.0200	0.0200	0.0201	0.0200	0.0200	0.0200
526	FP	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
527	FP	121.0000	126.1000	125.9000	125.9000	125.9000	126.1000
528	FP	155.5600	154.7000	154.9000	154.7000	154.9000	154.9000
529	FP	311.1000	312.9000	313.1000	313.3000	313.1000	313.2000
601	FP	0.6140	0.7170	0.7150	0.7130	0.7130	0.7130
602	SGI	1.1000	1.1000	1.1110	1.1110	1.1110	1.1110
603	SGI	0.0000	0.0039	0.0038	0.0038	0.0040	0.0039
604	FP	0.6140	0.7170	0.7150	0.7130	0.7110	0.7130
605	FP	0.8682	0.9730	0.9710	0.9690	0.9630	0.9630
606	FP	1.7360	2.3700	2.3700	2.3700	2.3700	2.3700
607	FP	110.0000	110.1000	110.1000	110.1000	110.1000	110.2000
608	FP	121.0000	126.1000	126.1000	126.1000	126.1000	125.3000
609	FP	155.5600	154.7000	154.6000	154.7000	154.7000	154.8000
610	FP	311.1000	313.5000	313.6000	313.3000	313.3000	313.3000
611	SGP	110.0000	111.9000	111.9000	111.9000	111.9000	111.9000
612	SGP	121.0000	130.0000	129.9000	130.1000	130.1000	130.1000
613	SGP	1.0000	1.0001	1.0001	1.0002	1.0002	1.0002
614	FP	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
615	FP	121.0000	126.2000	126.1000	126.3000	126.3000	126.3000
616	FP	155.5600	154.6000	154.5000	154.9000	154.7000	155.1000
617	FP	311.1000	313.3000	313.3000	313.6000	313.3000	313.9000
731	FP	1.0000	1.0170	0.9990	1.0070	1.0000	1.0070
732	FP	2.0000	2.0220	2.0230	2.0170	2.0200	2.0200
801	FP	999.9960	999.9890	999.9960	999.9950	999.9950	999.9940
803	PGN	99.9950	99.9938	99.9939	99.9938	99.9938	99.9938
804	PGN	30.0000	30.9100	30.9500	30.9100	30.9100	30.8700
805	PGN	99.9999	99.9885	99.9884	99.9884	99.9884	99.9884
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9994	9.9995	9.9994	9.9994	9.9994
809	FP	999.9960	999.9960	999.9950	999.9950	999.9950	999.9960

DATA SET 11

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	ER	7.2000	7.7990	7.7990	7.7990	7.7990	7.7990
102	STR	-7.5000	-7.9990	-7.9990	-7.5000	-7.5000	-7.5000
103	DC1	9.0000	8.9810	8.9790	8.9810	8.9820	8.9810
104	DA1	9.0000	8.9980	8.9980	8.9980	8.9980	8.9980
105	ER	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
106	SI	0.	-0.	-0.	-0.	-0.	-0.
107	ER	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PS1	230.0000	226.9000	226.9000	226.9000	234.9000	234.9000
109	ER	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
111	ER	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
112	DA2	900.0000	894.9000	894.9000	894.9000	894.9000	894.9000
113	ER	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	ER	8.8190	8.8190	8.8180	8.8150	8.8150	8.8120
202	STR	9.0000	8.9990	8.9960	8.9940	8.9940	8.9930
203	ER	8.8190	8.8190	8.8150	8.8140	8.8140	8.8130
204	SI	0.	0.0670	0.8070	0.8070	0.9010	0.9050
205	ER	80.0900	80.6100	80.6200	80.6400	80.6300	80.6100
206	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
207	ER	819.9000	819.8000	819.7000	819.9000	819.8000	819.8000
300	SI	0.	0.	0.0010	0.0010	0.0010	0.0010
301	ER	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	899.9990	899.9995	899.9990	899.9990	899.9990
303	ER	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	ER	5.6280	5.6330	5.6290	5.6290	5.6280	5.6290
402	STR	7.0000	6.9960	6.9950	6.9950	6.9950	6.9950
403	ER	5.6280	5.6330	5.6310	5.6290	5.6290	5.6290
404	SI	0.	0.0170	0.0110	0.0110	0.0090	0.0090
405	ER	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4810	0.4830	0.4790	0.4770	0.4790
407	ER	7.9580	8.0830	8.0890	8.0810	8.0820	8.0870
408	SI	0.	0.8800	0.8900	0.9000	0.8900	0.9100
409	ER	13.5160	13.7500	13.7500	13.7700	13.7500	13.7700
410	SG1	9.0000	9.0210	9.0210	9.0210	9.0200	9.0190
411	SG2	0.0810	0.0750	0.0750	0.0770	0.0770	0.0770
412	SG1	0.8000	0.8900	0.8950	0.8950	0.8980	0.8980
413	SG1	0.4000	0.3998	0.3999	0.4008	0.3998	0.3997
414	SG2	9.0000	9.0220	9.0240	9.0230	9.0220	9.0230
415	SGP	90.0000	90.3200	90.3300	90.3400	90.3300	90.3300
416	SG0	9.0000	8.9910	8.9890	8.9890	8.9890	8.9890
417	SG0	9.0000	9.0112	9.0110	9.0110	9.0110	9.0110
418	ES	5.6280	5.6310	5.6310	5.6290	5.6290	5.6290
500	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
501	SP	0.9770	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1010	1.1010	1.1010	1.1010	1.1010
503	SG1	0.0200	0.0485	0.0440	0.0489	0.0453	0.0477
504	ER	0.9570	0.9490	0.9670	0.9670	0.9670	0.9650

DATA SET 11

505	FR	1.3810	1.3090	1.3070	1.3070	1.3070	1.3050
506	FR	2.7620	2.9900	2.9700	2.9900	2.9700	2.9900
507	SG1	1.2100	1.2630	1.2430	1.2610	1.2610	1.2610
508	SG1	1.5556	1.5330	1.5290	1.5220	1.5170	1.5290
509	SG1	3.1100	3.2900	3.2800	3.2800	3.2700	3.2700
510	FR	0.9550	0.9690	0.9670	0.9670	0.9670	0.9670
511	FR	1.3810	1.3030	1.3070	1.3050	1.3110	1.3050
512	FR	2.7620	2.9900	2.9900	2.9700	2.9900	2.9900
513	SI	0.	0.3000	0.3000	0.3000	0.4000	0.5000
514	FR	110.0300	110.1000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	1.3000	1.1000	0.9000	0.9000	0.9000
516	FR	121.0000	126.1000	126.1000	126.1000	125.9000	125.9000
517	SI	0.	0.	0.	0.	0.	0.
518	FR	155.5600	154.5000	154.5000	154.5000	154.5000	154.5000
519	SI	0.	8.9000	8.1000	8.9000	8.9000	8.9000
520	FR	311.1000	313.3000	313.2000	313.3000	313.3000	313.0000
521	SGP	110.0000	110.9000	110.9000	110.9000	110.9000	110.9000
522	SGP	121.0000	127.7000	127.7000	127.6000	127.5000	127.5000
523	SGP	155.5600	155.9000	155.3000	155.5000	155.5000	155.5000
524	SGP	311.1000	313.3000	313.1000	313.5000	313.2000	313.3000
525	SGP	0.0200	0.0201	0.0201	0.0201	0.0200	0.0200
526	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
527	FR	121.0000	126.1000	126.1000	126.1000	125.9000	125.9000
528	FR	155.5600	154.7000	154.9000	154.5000	154.5000	154.3000
529	FR	311.1000	313.1000	313.3000	313.0000	313.2000	313.0000
601	FR	0.6140	0.7290	0.7270	0.7250	0.7230	0.7230
602	SG1	1.1000	1.1160	1.1130	1.1110	1.1090	1.1090
603	SG1	9.0000	9.0050	9.0052	9.0031	9.0033	9.0034
604	FR	0.6140	0.7290	0.7270	0.7250	0.7230	0.7290
605	FR	0.8682	0.9450	0.9450	0.9370	0.9410	0.9370
606	FR	1.7360	2.3900	2.4000	2.3700	2.3900	2.3500
607	FR	110.0000	110.3000	110.1000	110.1000	110.1000	110.1000
608	FR	121.0000	126.3000	126.1000	126.1000	126.1000	126.1000
609	FR	155.5600	154.5000	154.3000	154.5000	154.3000	154.3000
610	FR	311.1000	313.4000	313.3000	313.6000	313.1000	313.5000
611	SGP	110.0000	111.9000	111.9000	111.9000	112.1000	112.1000
612	SGP	121.0000	130.1000	129.9000	130.1000	129.9000	130.1000
613	SGP	1.0000	1.0000	1.0002	1.0001	1.0002	1.0002
614	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.2000
615	FR	121.0000	126.1000	126.1000	126.1000	126.1000	125.3000
616	FR	155.5600	154.5000	154.3000	154.3000	154.7000	154.1000
617	FR	311.1000	313.5000	313.3000	313.5000	313.9000	313.4000
701	FR	1.0000	0.9680	0.9710	0.9750	0.9750	0.9770
702	FR	2.0000	2.0190	2.0280	2.0290	2.0370	1.8980
801	FR	990.9960	971.3480	986.8040	985.4130	990.5740	998.8220
803	PGN	99.9000	99.9940	99.9940	99.9940	99.9941	99.9941
804	PGN	30.0000	30.8500	34.0000	30.8600	30.8400	30.8300
805	PGN	99.9000	99.9886	99.9887	99.9887	99.9886	99.9887
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0052	0.0053
807	PGN	10.0000	9.9995	9.9994	9.9995	9.9995	9.9995
810	FR	999.9960	999.5650	999.9050	999.9960	999.9930	999.9960

DATA SET 12

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	EF	7.8000	7.7980	7.7990	7.7990	7.7990	7.7980
102	STR	-7.5000	-7.4990	-7.4990	-7.4990	-7.4990	-7.4990
103	DC1	9.0000	8.9780	8.9780	8.9800	8.9820	8.9810
104	DA1	9.0000	8.9950	8.9980	8.9950	8.9950	8.9950
105	EP	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
106	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
107	EP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PS1	230.0000	236.7000	236.7000	236.7000	236.7000	236.7000
109	EP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.7000	0.6000	0.5000	0.5000	1.3000
111	EP	503.2100	499.6000	499.7000	499.7000	499.7000	499.7000
112	UA2	900.0000	894.5000	894.5000	894.5000	894.2000	894.3000
113	EP	503.2100	499.8000	499.7000	499.9000	499.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	EF	8.8198	8.8100	8.8100	8.8110	8.8090	8.8090
202	STR	9.0000	8.9960	8.9910	8.9910	8.9920	8.9900
203	EP	8.8198	8.8100	8.8110	8.8100	8.8090	8.8100
204	SI	0.	0.8910	0.8990	0.8990	0.9010	0.8970
205	EP	80.0500	80.5900	80.5900	80.6200	80.5900	80.5900
206	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
207	EP	819.5000	819.5000	820.0000	820.0000	820.3000	820.1000
310	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
311	EP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
312	STR	900.0000	899.9990	899.9990	899.9990	899.9990	899.9990
313	EP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0070	0.0050	0.0030	0.0070	0.0050
401	EP	5.6280	5.6230	5.6220	5.6230	5.6250	5.6200
402	STR	7.0000	6.9930	6.9930	6.9930	6.9930	6.9930
403	EP	5.6280	5.6260	5.6270	5.6270	5.6270	5.6270
404	SI	0.	0.0090	0.0090	0.0090	0.0090	0.0070
405	EP	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4790	0.4770	0.4780	0.4770	0.4750
407	EP	7.9580	8.0790	8.0800	8.0810	8.0790	8.0790
408	SI	0.	0.8900	0.8900	0.8900	0.8900	0.8100
409	EP	15.9160	13.7500	13.7500	13.7500	13.7500	13.7700
410	SG1	9.0000	9.0190	9.0190	9.0180	9.0190	9.0190
411	SG1	0.0810	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.9000	0.8950	0.8950	0.8950	0.8950	0.8950
413	SG1	0.4000	0.3997	0.3998	0.3995	0.3997	0.3996
414	SG2	9.0000	9.0210	9.0210	9.0220	9.0210	9.0210
415	SGP	90.0000	90.3000	90.3400	90.3400	90.3300	90.3300
416	SGO	9.0000	8.9880	8.9890	8.9890	8.9880	8.9880
417	SGO	9.0000	9.0090	9.0090	9.0090	9.0090	9.0090
418	EP	5.6280	5.6260	5.6250	5.6280	5.6280	5.6260
500	SI	0.	0.0050	0.0050	0.0050	0.0070	0.0050
501	EP	0.9770	0.9650	0.9670	0.9650	0.9670	0.9670
502	SG1	1.1000	1.1010	1.1030	1.1010	1.1010	1.1030
503	SG1	0.0200	0.0445	0.0461	0.0390	0.0429	0.0393
504	EP	0.9550	0.9670	0.9670	0.9670	0.9670	0.9670

DATA SET 12

505	EP	1.3810	1.3050	1.3080	1.3050	1.3050	1.3040
506	EP	2.7620	2.9600	2.9900	2.9500	2.9900	2.9950
507	SG1	1.2100	1.2530	1.2650	1.2630	1.2610	1.2630
508	SG1	1.5556	1.5210	1.5290	1.5190	1.5270	1.5250
509	SG1	3.1100	3.2700	3.2900	3.2700	3.2900	3.3100
510	EP	0.9550	0.9670	0.9650	0.9670	0.9670	0.9670
511	EP	1.3810	1.3010	1.3030	1.3070	1.3050	1.3090
512	EP	2.7620	2.9700	2.9700	2.9700	2.9900	3.0100
513	SI	0.	0.7000	0.7000	0.7000	0.5000	0.6000
514	EP	110.0300	110.1000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	0.9000	0.7000	0.8000	0.6000	0.6000
516	EP	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
517	SI	0.	0.	0.	0.	0.	0.
518	EP	155.5600	154.5000	154.3000	154.7000	154.3000	154.5000
519	SI	0.	8.9000	8.8000	9.1000	8.7000	9.1000
520	EP	311.1000	313.1000	313.2000	313.3000	312.9000	313.3000
521	SGP	110.0000	110.8030	110.9000	110.9000	110.9000	110.9000
522	SGP	121.0000	127.5000	127.5000	127.5000	127.1000	127.5000
523	SGP	155.5600	155.5000	155.3000	155.5000	155.1000	154.9000
524	SGP	311.1000	313.3000	313.2000	313.3000	313.0000	313.2000
525	SGP	0.0200	0.0200	0.0200	0.0200	0.0201	0.0200
526	EP	110.0000	110.3000	110.3000	110.3000	110.3000	110.1000
527	EP	121.0000	125.9000	125.9000	126.1000	125.9000	125.9000
528	EP	155.5600	154.3000	154.7000	154.3000	154.5000	154.3000
529	EP	311.1000	312.9000	313.5000	312.9000	313.3000	313.3000
601	EP	0.6140	0.7230	0.7230	0.7230	0.7210	0.7210
602	SG1	1.1000	1.1070	1.1070	1.1070	1.1070	1.1070
603	SG1	9.0000	9.0032	9.0035	9.0037	9.0037	9.0042
604	EP	0.6140	0.7210	0.7210	0.7210	0.7190	0.7150
605	EP	0.8682	0.9450	0.9410	0.9410	0.9370	0.9280
606	EP	1.7340	2.3900	2.3700	2.3900	2.3400	2.3935
607	EP	110.0000	110.3000	110.3000	110.3000	110.3000	110.3000
608	EP	121.0000	126.1000	126.1000	126.3000	126.1000	126.1000
609	EP	155.5600	154.1000	154.4000	154.1000	154.2000	153.9000
610	EP	311.1000	313.2000	313.5000	313.4000	313.5000	313.4000
611	SGP	110.0000	112.1000	112.1000	112.1000	112.1000	112.1000
612	SGP	121.0000	129.9000	129.9000	129.9000	129.9000	129.9000
613	SGP	1.0000	1.0001	1.0002	1.0002	1.0002	1.0002
614	EP	110.0000	110.3000	110.3000	110.3000	110.3000	110.1000
615	EP	121.0000	126.1000	126.1000	126.1000	126.3000	126.1000
616	EP	155.5600	154.3000	154.3000	154.3000	154.5000	154.3000
617	EP	311.1000	313.3000	313.3000	313.4000	313.4000	313.9000
701	EP	1.0000	0.9770	0.9690	0.9740	0.9770	0.9810
702	EP	2.0000	2.0340	2.0270	2.0290	2.0300	2.0440
801	EP	999.9960	990.7740	999.9960	999.9960	999.9960	999.9960
802	PGN	99.9999	99.9941	99.9941	99.9941	99.9941	99.9941
804	PGN	30.0000	30.7930	30.8300	30.8000	30.7200	30.7500
805	PGN	99.9999	99.9887	99.9887	99.9887	99.9887	99.9887
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9994	9.9995	9.9994	9.9995	9.9994
809	EP	999.9960	999.9950	999.9950	999.9950	999.9950	999.9950

DATA SET 13

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
102	STR	-7.5000	-7.4980	-7.4950	-7.4980	-7.4980	-7.4950
103	DC1	9.0000	8.9990	8.9980	9.0110	9.0120	9.0090
104	DA1	9.0000	8.9980	8.9980	8.9990	8.9990	8.9990
105	FR	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
106	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
107	FR	223.0000	223.2000	223.0000	223.0000	223.0000	223.0000
108	RS1	230.0000	236.3000	236.3000	236.3000	236.3000	236.3000
109	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.0000
110	SI	0.	0.4000	0.6000	0.4000	0.4000	0.5000
111	FR	503.2100	499.9000	499.9000	500.0000	500.0000	499.9000
112	DA2	900.0000	892.7000	892.8000	892.8000	892.7000	892.9000
113	FR	503.2100	500.3000	500.3000	500.4000	499.8000	500.6000
200	SI	0.	0.0040	0.0040	0.0040	0.0040	0.0040
201	FR	8.8198	8.8290	8.8280	8.8280	8.8270	8.9280
202	STR	9.0000	9.0110	9.0060	9.0110	9.0120	9.0120
203	FR	8.8198	8.8300	8.8290	8.8280	8.8290	8.8290
204	SI	0.	0.8930	0.9000	0.9030	0.9050	0.9070
205	FR	80.0500	79.4600	79.3900	79.3900	79.3900	79.4400
206	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
207	FR	810.9000	819.3000	818.6000	818.5000	818.8000	818.7000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	900.0020	900.0020	900.0020	900.0020	900.0020
303	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0060	0.0050	0.0060	0.0060	0.0040
401	FR	5.6250	5.6270	5.6280	5.6290	5.6300	5.6260
402	STR	7.0000	7.0030	7.0030	7.0030	7.0020	7.0020
403	FR	5.6280	5.6330	5.6330	5.6360	5.6290	5.6290
404	SI	0.	0.0270	0.0280	0.0280	0.0290	0.0290
405	FR	0.3170	0.3190	0.3190	0.3190	0.3190	0.3190
406	SI	0.	0.5510	0.5530	0.5550	0.5540	0.5530
407	FR	7.9580	8.1290	8.1390	8.1290	8.1310	8.1290
408	SI	0.	0.9900	0.9900	0.9900	0.9900	0.9900
409	FR	15.9160	13.3100	13.2900	13.2900	13.2900	13.2900
410	SG1	0.0000	0.1060	0.1070	0.1060	0.1060	0.1040
411	SG1	0.0310	0.0850	0.0850	0.0850	0.0850	0.0840
412	SG1	0.9000	0.9120	0.9120	0.9120	0.9120	0.9120
413	SG1	0.4000	0.3996	0.3996	0.3996	0.3996	0.3996
414	SG2	0.0000	0.0070	0.0080	0.0080	0.0080	0.0080
415	SGP	90.0000	91.1200	91.1400	91.1400	91.1400	91.1600
416	SGO	0.0000	8.9870	8.9880	8.9870	8.9860	8.9860
417	SGO	9.0000	0.0240	0.0240	0.0240	0.0240	0.0250
418	FR	5.6280	5.6370	5.6320	5.6270	5.6330	5.6330
500	SI	0.	0.0050	0.0060	0.0100	0.0060	0.0050
501	FR	0.9770	0.9680	0.9680	0.9680	0.9680	0.9680
502	SG1	1.1000	1.1140	1.1130	1.1140	1.1130	1.1140
503	SG1	0.0200	0.0721	0.0494	0.0672	0.0700	0.0648
504	FR	0.9550	0.9410	0.9420	0.9410	0.9410	0.9410

DATA SET 13

505	FR	1.3810	1.3890	1.3890	1.3830	1.3880	1.3880
506	FR	2.7620	2.9500	2.9500	2.9300	2.9500	2.9400
507	SGI	1.2100	1.2470	1.2530	1.2470	1.2470	1.2480
508	SGI	1.5556	1.5950	1.5910	1.5950	1.5920	1.5950
509	SGI	3.1100	3.2500	3.2600	3.2800	3.2600	3.2700
510	FR	0.9550	0.9420	0.9420	0.9420	0.9420	0.9420
511	FR	1.3810	1.3890	1.3880	1.3910	1.3850	1.3850
512	FR	2.7620	2.9400	2.9500	2.9500	2.9500	2.9500
513	SI	0.	0.5000	0.5000	0.4000	0.5000	0.5000
514	FR	110.0300	109.9000	110.0000	109.9000	110.0000	110.0000
515	SI	0.	2.8000	2.9000	2.9000	3.0000	3.0000
516	FR	121.0000	121.3000	121.4000	121.3000	121.3000	121.3000
517	SI	0.	0.3000	0.3000	0.3000	0.4000	0.3000
518	FR	155.5600	156.6000	156.8000	156.9000	156.8000	156.8000
519	SI	0.	0.5000	0.5000	0.7000	0.7000	0.6000
520	FR	311.1000	311.0000	311.0000	310.9000	310.9000	310.9000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.8000
522	SGP	121.0000	122.6000	122.6000	122.7000	122.7000	122.7000
523	SGP	155.5600	157.1000	157.5000	157.4000	157.2000	157.4000
524	SGP	311.1000	310.9000	310.8000	310.9000	310.9000	310.9000
525	SGP	0.0200	0.0200	0.0201	0.0201	0.0200	0.0200
526	FR	110.0000	110.2000	110.2000	110.2000	110.2000	110.2000
527	FR	121.0000	121.3000	121.3000	121.4000	121.3000	121.3000
528	FR	155.5600	156.8000	156.8000	156.9000	156.9000	156.9000
529	FR	311.1000	311.0000	311.0000	310.9000	310.9000	311.1000
601	FR	0.6140	0.6880	0.6880	0.6870	0.6870	0.6870
602	SGI	1.1000	1.1090	1.1080	1.1070	1.1070	1.1070
603	SGI	0.0000	0.0003	0.0005	0.0005	0.0005	0.0005
604	FR	0.6140	0.6870	0.6870	0.6860	0.6850	0.6840
605	FR	0.8682	0.9810	0.9800	0.9810	0.9820	0.9750
606	FR	1.7360	2.2900	2.2900	2.2900	2.3000	2.3100
607	FR	110.0000	110.3000	110.3000	110.2000	110.3000	110.2000
608	FR	121.0000	121.4000	121.4000	121.4000	121.4000	121.4000
609	FR	155.5600	156.6000	156.5000	156.5000	156.5000	156.5000
610	FR	311.1000	311.1000	311.1000	311.1000	311.1000	311.2000
611	SGP	110.0000	112.3000	112.0000	112.3000	112.1000	112.0000
612	SGP	121.0000	125.3000	125.3000	125.3000	125.3000	125.3000
613	SGP	1.0000	1.0007	1.0006	1.0007	1.0006	1.0007
614	FR	110.0000	110.2000	110.0000	110.2000	110.2000	110.2000
615	FR	121.0000	121.4000	121.3000	121.3000	121.4000	121.3000
616	FR	155.5600	156.5000	156.5000	156.5000	156.6000	156.6000
617	FR	311.1000	311.1000	311.1000	311.1000	311.1000	311.1000
701	FR	1.0000	1.0450	1.0400	1.0420	1.0250	1.0300
702	FR	2.0000	2.0340	2.0350	2.0320	1.0000	2.0000
801	FR	000.0960	000.0040	000.0060	000.0070	000.0040	000.0060
803	PGN	00.0000	00.0040	00.0040	00.0049	00.0049	00.0040
804	PGN	30.0000	30.1000	30.2100	30.2000	30.1900	30.2500
805	PGN	00.0000	00.0004	00.0006	00.0005	00.0005	00.0006
806	PGN	0.0050	0.0053	0.0054	0.0053	0.0053	0.0053
807	PGN	10.0000	0.0005	0.0005	0.0006	0.0004	0.0005
810	FR	000.0040	000.0060	000.0060	000.0060	000.0040	000.0040

DATA SET 14

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
102	STR	-7.5000	-7.5010	-7.5010	-7.5010	-7.5010	-7.5010
103	DC1	0.0000	0.0180	0.0200	0.0150	0.0090	0.0130
104	DA1	8.0000	8.9990	8.9990	8.9990	8.9990	8.9990
105	FR	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
106	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
107	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
108	PS1	230.0000	236.5000	236.4000	236.5000	236.5000	236.4000
109	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
110	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
111	FR	503.2100	500.4000	500.3000	500.3000	500.4000	500.3000
112	DA2	900.0000	893.6000	893.5000	893.5000	893.5000	893.6000
113	FR	503.2100	500.4000	500.4000	500.4000	500.4000	500.3000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8320	8.8330	8.8300	8.8290	8.8280
202	STR	0.0000	0.0130	0.0140	0.0120	0.0130	0.0130
203	FR	8.8198	8.8330	8.8330	8.8300	8.8280	8.8320
204	SI	0.	0.8820	0.9070	0.9120	0.9110	0.9140
205	FR	80.0500	79.4000	79.4300	79.4100	79.4200	79.4200
206	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
207	FR	819.9000	817.7000	818.4000	818.3000	818.3000	818.6000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	900.0020	900.0020	900.0010	900.0020	900.0020
303	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0020	0.0020	0.0020	0.0020
401	FR	5.6280	5.6330	5.6360	5.6330	5.6360	5.6340
402	STR	7.0000	7.0030	7.0030	7.0030	7.0030	7.0030
403	FR	5.6280	5.6330	5.6300	5.6320	5.6370	5.6330
404	SI	0.	0.0270	0.0290	0.0320	0.0320	0.0330
405	FR	0.3170	0.3180	0.3190	0.3190	0.3190	0.3180
406	SI	0.	0.5550	0.5510	0.5530	0.5550	0.5530
407	FR	7.9580	8.1310	8.1300	8.1320	8.1340	8.1380
408	SI	0.	0.9700	0.9900	0.9700	0.9600	0.9500
409	FR	15.9140	13.2090	13.3000	13.2600	13.2800	13.2900
410	SG1	0.0000	0.1070	0.1080	0.1040	0.1070	0.1040
411	SG1	0.0810	0.0850	0.0850	0.0850	0.0850	0.0850
412	SG1	0.0000	0.0120	0.0120	0.0120	0.0120	0.0120
413	SG1	0.4000	0.3996	0.3996	0.3996	0.3996	0.3996
414	SG2	0.0000	0.0070	0.0080	0.0080	0.0070	0.0070
415	SGP	90.0000	91.1300	91.1600	91.1700	91.1700	91.1600
416	SG0	0.0000	0.9890	0.9890	0.9890	0.9890	0.9890
417	SG0	0.0000	0.0270	0.0260	0.0240	0.0260	0.0240
418	FR	5.6280	5.6270	5.6360	5.6290	5.6300	5.6330
500	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
501	FR	0.9770	0.9680	0.9680	0.9680	0.9680	0.9680
502	SG1	1.1000	1.1140	1.1140	1.1140	1.1140	1.1140
503	SG1	0.0200	0.0707	0.0702	0.0620	0.0672	0.0646
504	FR	0.9550	0.9400	0.9410	0.9410	0.9400	0.9400

DATA SET 14

505	FP	1.3910	1.3850	1.3910	1.3890	1.3950	1.3870
506	FP	2.7620	2.9500	2.9500	2.9400	2.9400	2.9300
507	SG1	1.2100	1.2460	1.2460	1.2460	1.2440	1.2460
508	SG1	1.5556	1.5950	1.5950	1.5950	1.5990	1.5960
509	SG1	3.1100	3.2700	3.2700	3.2500	3.2600	3.2500
510	FP	0.9550	0.9410	0.9410	0.9410	0.9420	0.9420
511	FP	1.3910	1.3910	1.3860	1.3900	1.3890	1.3890
512	FP	2.7620	2.9500	2.9500	2.9400	2.9500	2.9300
513	ST	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	FP	110.0300	110.0000	110.0000	110.0000	110.0000	110.0000
515	ST	0.	2.8000	2.9000	3.2000	3.2000	3.2000
516	FP	121.0000	121.3000	121.3000	121.3000	121.3000	121.4000
517	ST	0.	0.4000	0.6000	0.6000	0.7000	0.5000
518	FP	155.5600	156.9000	156.8000	156.9000	156.9000	156.9000
519	ST	0.	9.6000	9.7000	9.5000	9.5000	9.4000
520	FP	311.1000	311.0000	310.9000	310.8000	310.8000	310.5000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	122.7000	122.7000	122.7000	122.7000	122.7000
523	SGP	155.5600	157.5000	157.5000	157.5000	157.5000	157.8000
524	SGP	311.1000	310.9000	310.8000	310.8000	310.8000	310.5000
525	SGP	0.0200	0.0200	0.0201	0.0200	0.0201	0.0200
526	FP	110.0000	110.0000	110.2000	110.1000	110.1000	110.1000
527	FP	121.0000	121.3000	121.3000	121.3000	121.4000	121.3000
528	FP	155.5600	156.4000	156.8000	156.9000	156.9000	157.0000
529	FP	311.1000	310.9000	310.9000	310.5000	310.5000	310.5000
601	FP	0.6140	0.6860	0.6850	0.6840	0.6850	0.6860
602	SG1	1.1000	1.1070	1.1070	1.1060	1.1050	1.1060
603	SG1	9.0000	9.0003	9.0004	9.0003	9.0004	9.0004
604	FP	0.6140	0.6850	0.6845	0.6840	0.6840	0.6840
605	FP	0.9682	0.9830	0.9800	0.9850	0.9850	0.9830
606	FP	1.7370	2.3100	2.3100	2.2900	2.2900	2.2900
607	FP	110.0000	110.2000	110.1000	110.2000	110.1000	110.2000
608	FP	121.0000	121.4000	121.4000	121.4000	121.4000	121.4000
609	FP	155.5600	156.5000	156.6000	156.8000	156.8000	156.8000
610	FP	311.1000	311.1000	311.1000	310.9000	310.9000	310.9000
611	SGP	110.0000	112.3000	112.0000	112.1000	112.0000	112.0000
612	SGP	121.0000	125.3000	125.3000	125.3000	125.3000	125.3000
613	SGP	1.0000	1.0007	1.0006	1.0007	1.0007	1.0007
614	FP	110.0000	110.0000	110.0000	110.0000	110.0000	110.1000
615	FP	121.0000	121.4000	121.4000	121.4000	121.4000	121.3000
616	FP	155.5600	156.5000	156.5000	156.8000	156.8000	156.8000
617	FP	311.1000	311.1000	311.0000	310.9000	310.9000	310.9000
701	FP	1.0000	1.0450	1.0415	1.0450	1.0430	1.0490
702	FP	2.0000	2.0390	2.0290	2.0340	2.0280	2.0340
801	FR	999.9960	999.9960	999.9960	999.9960	999.9960	999.9960
803	PGN	99.9999	99.9949	99.9949	99.9949	99.9943	99.9949
804	PGN	30.0050	30.1900	30.2100	30.2500	30.4922	30.1500
805	PGN	99.9999	99.9896	99.9895	99.9895	99.9893	99.9893
806	PGN	0.0050	0.0053	0.0053	0.0054	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9994	9.9995	9.9995	9.9995
809	FR	999.9960	999.9960	999.9950	999.9950	999.9950	999.9960

DATA SET 15

130	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
131	FR	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
132	STR	-7.5000	-7.5000	-7.4990	-7.4990	-7.4990	-7.4990
133	DC1	8.0000	8.9820	8.9840	8.9800	8.9820	8.9820
134	DR1	8.0000	8.9970	8.9980	8.9980	8.9980	8.9980
135	FR	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
136	SI	0.	-0.	-0.	-0.	-0.	-0.
137	FR	223.0000	223.2000	223.1000	223.1000	223.1000	223.1000
138	PSI	230.0000	237.1000	237.1000	236.9000	236.9000	236.9000
139	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
111	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
112	DR2	900.0000	894.2000	894.9000	894.9000	894.9000	894.9000
113	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8210	8.8180	8.8130	8.8130	8.8130
202	STR	9.0000	8.9990	8.9990	8.9990	8.9910	8.9910
203	FR	8.8198	8.8210	8.8160	8.8130	8.8130	8.8110
204	SI	0.	0.8570	0.8730	0.8830	0.8890	0.8950
205	FR	80.0500	80.6000	80.5900	80.6100	80.6300	80.6400
206	SI	0.	0.	0.1000	0.1000	0.1000	0.1000
207	FR	819.9000	819.7000	819.7000	819.6000	819.6000	819.8000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	899.9990	899.9990	900.0000	899.9990	899.9990
303	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FR	5.6280	5.6330	5.6330	5.6310	5.6290	5.6270
402	STR	7.0000	6.9980	6.9950	6.9950	6.9950	6.9950
403	FR	5.6280	5.6350	5.6310	5.6320	5.6310	5.6290
404	SI	0.	0.0230	0.0190	0.0150	0.0130	0.0120
405	FR	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4830	0.4850	0.4780	0.4770	0.4770
407	FR	7.0500	8.1030	8.0950	8.0890	8.1050	8.0850
408	SI	0.	0.9300	0.9500	0.9100	0.8300	0.8900
409	FR	15.9140	13.7700	13.7900	13.7900	13.7900	13.7700
410	SG1	9.0000	9.0210	9.0230	9.0210	9.0210	9.0230
411	SG1	0.0810	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.9000	0.8950	0.8950	0.8950	0.8950	0.8950
413	SG1	0.4000	0.3997	0.3995	0.3998	0.3996	0.3995
414	SG2	9.0000	9.0230	9.0240	9.0230	9.0230	9.0230
415	SGP	90.0000	90.2900	90.3100	90.3100	90.3200	90.3500
416	SG0	9.0000	8.9890	8.9860	8.9860	8.9860	8.9860
417	SG0	9.0000	9.2990	9.0110	9.0110	9.0110	9.0110
418	FR	5.6280	5.6330	5.6310	5.6290	5.6290	5.6310
500	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0040
501	FR	0.9770	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1010	1.1010	1.1010	1.1010	1.1010
503	SG1	0.0200	0.0389	0.0427	0.0402	0.0411	0.0392
504	FR	0.9550	0.9600	0.9690	0.9670	0.9670	0.9670

DATA SET 15

505	FR	1.3810	1.3110	1.3090	1.3070	1.3080	1.3110
506	FR	2.7620	2.9900	2.9900	3.0100	3.0100	2.9900
507	SGI	1.2100	1.2630	1.2630	1.2630	1.2610	1.2610
508	SGI	1.5556	1.5290	1.5310	1.5290	1.5210	1.5310
509	SGI	3.1100	3.3100	3.2900	3.2700	3.2700	3.2700
510	FR	0.9550	0.9690	0.9670	0.9690	0.9670	0.9670
511	FR	1.3810	1.3090	1.3130	1.3090	1.3050	1.3070
512	FR	2.7620	2.9900	2.9900	2.9900	2.9900	2.9900
513	SI	0.	0.3000	0.3000	0.3000	0.4000	0.4000
514	FR	110.0300	110.1000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	2.1000	1.5000	1.3000	1.3000	1.1000
516	FR	121.0000	126.3000	126.1000	126.1000	126.1000	126.1000
517	SI	0.	0.	0.	0.	0.	0.
518	FR	155.5600	154.9000	155.1000	154.5000	154.5000	154.7000
519	SI	0.	9.1000	9.5000	9.1000	9.5000	9.5000
520	FR	311.1000	313.1000	313.3000	313.1000	313.3000	313.1000
521	SGP	110.0000	110.8000	109.9000	109.9000	110.9000	110.9000
522	SGP	121.0000	127.7000	127.7000	127.7000	127.6000	127.5000
523	SGP	155.5600	155.9000	155.5000	155.9000	155.9000	155.7000
524	SGP	311.1000	313.3000	313.1000	312.2000	313.5000	313.4000
525	SGP	0.0200	0.0200	0.0200	0.0201	0.0201	0.0200
526	FR	110.0000	110.1000	109.9000	110.1000	110.1000	110.1000
527	FR	121.0000	126.1000	126.1000	125.1000	124.1000	126.1000
528	FR	155.5600	154.9000	154.7000	154.7000	154.7000	154.3000
529	FR	311.1000	313.3000	313.1000	313.5000	313.3000	313.2000
601	FR	0.6140	0.7310	0.7250	0.7270	0.7250	0.7230
602	SGI	1.1000	1.1130	1.1150	1.1130	1.1130	1.1110
603	SGI	0.0000	0.0031	0.0034	0.0035	0.0036	0.0035
604	FR	0.6140	0.7310	0.7270	0.7270	0.7250	0.7230
605	FR	0.8682	0.9430	0.9410	0.9450	0.9430	0.9390
606	FR	1.7360	2.6100	2.3900	2.3900	2.4000	2.3800
607	FR	110.0000	110.1000	110.3000	110.3000	110.3000	110.1000
608	FR	121.0000	126.3000	124.3000	126.3000	125.1000	126.1000
609	FR	155.5600	154.7000	154.9000	154.5000	154.3000	154.7000
610	FR	311.1000	313.6000	313.7000	313.3000	313.5000	313.5000
611	SGP	110.0000	111.9000	111.9000	111.9000	112.1000	112.1000
612	SGP	121.0000	130.1000	130.1000	130.1000	130.1000	130.1000
613	SGP	1.0000	1.0001	1.0001	1.0001	1.0002	1.0000
614	FR	110.0000	110.1000	110.1000	110.1000	110.2000	110.1000
615	FR	121.0000	126.3000	126.1000	125.3000	126.1000	126.1000
616	FR	155.5600	156.5000	154.7000	154.3000	154.5000	154.5000
617	FR	311.1000	313.3000	313.9000	313.5000	313.5000	313.7000
701	FR	1.0000	0.9830	0.9820	0.9840	0.9870	0.9870
702	FR	2.0000	2.0330	2.0430	2.0490	2.0550	2.0530
801	FR	999.9960	999.9960	999.9900	999.9900	999.3340	999.7330
803	PGN	99.9900	99.9940	99.9940	99.9940	99.9940	99.9941
804	PGN	30.0000	30.8900	30.8900	30.8900	30.8900	30.8900
805	PGN	99.9900	99.9895	99.9895	99.9895	99.9896	99.9894
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0052	0.0053
807	PGN	10.0000	0.9994	0.9995	0.9994	0.9994	0.9995
809	FR	999.9940	999.9940	999.9940	999.9940	999.9940	999.9940

DATA SET 16

130	SI	0.	0.0010	0.0010	0.0010	0.	0.0010
131	FR	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
132	STP	-7.5000	-7.5000	-7.5000	-7.5000	-7.5010	-7.5000
133	DF1	0.0000	8.9840	8.9770	8.9820	8.9880	8.9840
134	DA1	0.0000	8.9930	8.9990	8.9990	8.9990	8.9980
135	FR	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
136	SI	0.	-0.	-0.	0.1000	0.1000	0.1000
137	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
138	PS1	230.0000	236.9000	236.9000	236.9000	236.9000	236.9000
139	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.1000	0.3000	0.1000	0.1000	0.1000
111	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
112	DA2	900.0000	894.9000	894.9000	894.9000	894.9000	894.9000
113	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8110	8.8110	8.8090	8.8090	8.8090
202	STP	0.0000	8.9910	8.9890	8.9910	8.9900	8.9890
203	FR	8.8198	8.8100	8.8110	8.8090	8.8100	8.8090
204	SI	0.	0.8950	0.9010	0.8990	0.9010	0.8990
205	FR	80.0500	80.6100	80.6400	80.6200	80.6100	80.6100
206	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
207	FR	819.9000	818.9000	819.3000	819.4000	819.1000	818.9000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	900.0060	1000.0000	1000.0010	1000.0000	1000.0000	1000.0000
302	STP	900.0000	899.9990	899.9990	899.9990	899.9990	899.9990
303	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FR	5.6280	5.6250	5.6290	5.6290	5.6270	5.6290
402	STP	7.0000	6.9950	6.9950	6.9950	6.9950	6.9950
403	FR	5.6280	5.6290	5.6270	5.6270	5.6270	5.6250
404	SI	0.	0.0110	0.0090	0.0090	0.0090	0.0090
405	FR	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4790	0.4790	0.4790	0.4790	0.4830
407	FR	7.9540	8.0890	8.0890	8.0830	8.0830	8.0910
408	SI	0.	0.9350	0.9000	0.9900	0.9900	0.9100
409	FR	15.9160	13.7500	13.7900	13.7700	13.7500	13.7700
410	SG1	0.0000	0.0190	0.0190	0.0190	0.0190	0.0190
411	SG1	0.0810	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.9000	0.8950	0.8950	0.8950	0.8950	0.8950
413	SG1	0.4000	0.3996	0.3997	0.3990	0.3996	0.3996
414	SG2	0.0000	0.0220	0.0230	0.0230	0.0220	0.0210
415	SGP	90.0000	90.3300	90.3300	90.3500	90.3500	90.3300
416	SGO	0.0000	8.9900	8.9860	8.9850	8.9890	8.9850
417	SGO	0.0000	0.0110	0.0090	0.0090	0.0090	0.0090
418	FR	5.6280	5.6290	5.6290	5.6290	5.6290	5.6230
500	SI	0.	0.0040	0.0040	0.0050	0.0050	0.0050
501	FR	0.9770	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1010	1.1010	1.1010	1.1010	1.1010
503	SG1	0.0200	0.0363	0.0373	0.0402	0.0342	0.0300
504	FR	0.9550	0.9670	0.9670	0.9670	0.9660	0.9640

DATA SET 16

505	ER	1.3810	1.3130	1.3040	1.3100	1.3050	1.3110
506	ER	2.7620	2.9800	2.9900	2.9700	2.9900	2.9700
507	SG1	1.2100	1.2610	1.2610	1.2610	1.2610	1.2610
508	SG1	1.5556	1.5150	1.5280	1.5270	1.5250	1.5230
509	SG1	3.1100	3.2700	3.2900	3.3100	3.3200	3.2700
510	ER	0.9550	0.9670	0.9670	0.9670	0.9670	0.9670
511	ER	1.3810	1.3050	1.3050	1.3110	1.3090	1.3110
512	ER	2.7620	2.9900	2.9500	2.9700	2.9700	2.9900
513	SI	0.	0.5000	0.5000	0.5000	0.5000	0.5000
514	ER	110.0300	110.1000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	1.1000	0.9000	0.9000	0.9000	0.9000
516	ER	121.0000	126.1000	125.9000	125.9000	125.9000	125.9000
517	SI	0.	0.	0.	0.	0.	0.
518	ER	155.5600	154.5000	154.9000	154.9000	154.8000	154.3000
519	SI	0.	8.9000	9.1000	9.1000	9.3000	8.9000
520	ER	311.1000	313.3000	313.2000	313.3000	313.3000	313.2000
521	SGP	110.0000	110.9000	110.9000	110.9000	110.9000	110.9000
522	SGP	121.0000	127.5000	127.5000	127.5000	127.5000	127.5000
523	SGP	155.5600	155.5000	155.2000	155.3000	155.2000	155.5000
524	SGP	311.1000	313.3000	313.3000	313.2000	313.2000	313.7000
525	SGP	0.0200	0.0200	0.0200	0.0200	0.0201	0.0200
526	ER	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
527	ER	121.0000	125.1000	125.9000	125.9000	125.9000	125.9000
528	ER	155.5600	154.7000	154.5000	154.7000	154.9000	154.3000
529	ER	311.1000	313.3000	313.1000	313.1000	313.3000	313.3000
601	ER	0.6140	0.7230	0.7230	0.7210	0.7210	0.7210
602	SG1	1.1000	1.1090	1.1090	1.1070	1.1070	1.1070
603	SG1	9.0000	9.0036	9.0036	9.0036	9.0037	9.0037
604	ER	0.6140	0.7230	0.7210	0.7210	0.7210	0.7210
605	ER	0.8682	0.9390	0.9450	0.9470	0.9430	0.9390
606	ER	1.7360	2.3550	2.3700	2.3500	2.3600	2.3700
607	ER	110.0000	110.3000	110.3000	110.2000	110.3000	110.1000
608	ER	121.0000	126.1000	126.3000	126.1000	126.1000	126.3000
609	ER	155.5600	154.3000	154.3000	154.2000	154.3000	154.5000
610	ER	311.1000	313.3000	313.5000	313.3000	313.5000	313.7000
611	SGP	110.0000	112.1000	112.1000	112.1000	112.1000	112.1000
612	SGP	121.0000	129.9000	129.9000	129.9000	129.9000	129.9000
613	SGP	1.0000	1.0001	1.0001	1.0002	1.0001	1.0002
614	ER	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
615	ER	121.0000	126.1000	126.1000	126.1000	126.1000	126.1000
616	ER	155.5600	154.5000	154.1000	154.1000	154.1000	154.3000
617	ER	311.1000	313.7000	313.5000	313.3000	313.4000	313.5000
731	ER	1.0000	0.9910	0.9970	1.0110	1.0160	1.0130
732	ER	2.0000	2.0650	2.0750	2.0950	2.0980	2.0930
801	ER	999.9960	991.4530	999.6810	999.9890	999.9950	999.9950
803	PGN	99.9999	99.9960	99.9941	99.9940	99.9941	99.9942
804	PGN	30.0000	30.8500	30.8500	30.8300	30.8400	30.7900
805	PGN	99.9999	99.9887	99.9887	99.9886	99.9887	99.9887
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9994	9.9994	9.9995	9.9995
809	ER	999.9960	999.9960	999.9950	999.9960	999.9950	999.9950

DATA SET 17

190	SI	0.	0.0010	0.0010	0.	0.0010	0.0010
191	FR	7.8000	7.8000	7.7990	7.8000	7.8000	7.8000
192	STR	-7.5000	-7.5010	-7.5010	-7.5010	-7.5010	-7.5010
193	DC1	9.0000	8.9880	8.9820	8.9840	8.9810	8.9810
194	DA1	9.0000	8.9980	8.9980	8.9990	8.9990	8.9990
195	FR	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
196	SI	0.	0.	0.1000	0.1000	0.1000	0.1000
197	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
198	PS1	230.0000	236.9000	236.8000	236.8000	236.7000	236.8000
199	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.1000	0.3000	0.1000	0.1000	0.2000
111	FR	503.2100	499.9000	499.9000	500.0000	499.9000	500.0000
112	DA2	900.0000	894.9000	894.9000	894.9000	894.9000	894.9000
113	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8090	8.8100	8.8100	8.8090	8.8090
202	STR	9.0000	8.9890	8.9900	8.9990	8.9900	8.9890
203	FR	8.8198	8.8090	8.8090	8.8090	8.8090	8.8100
204	SI	0.	0.9040	0.9030	0.9030	0.9070	0.9030
205	FR	80.0500	80.6500	80.6400	80.6600	80.6600	80.6900
206	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
207	FR	819.9000	818.8000	819.1000	819.7000	819.6000	819.3000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0010	1000.0010	1000.0[illegible]	1000.0000	1000.0010
302	STR	900.0000	899.9990	899.9990	899.9990	899.9990	899.9990
303	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0050
401	FR	5.6280	5.6290	5.6270	5.6270	5.6280	5.6250
402	STR	7.0000	6.9950	6.9950	6.9950	6.9950	6.9950
403	FR	5.6280	5.6240	5.6250	5.6290	5.6290	5.6250
404	SI	0.	0.0090	0.0090	0.0070	0.0090	0.0070
405	FR	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4810	0.4820	0.4810	0.4790	0.4830
407	FR	7.9580	8.0900	8.0900	8.0880	8.0800	8.0890
408	SI	0.	0.9300	0.9200	0.9300	0.8800	0.9100
409	FR	15.9160	13.7900	13.7900	13.7700	13.7500	13.7700
410	SG1	9.0000	9.0190	9.0190	9.0190	9.0190	9.0190
411	SG1	0.0810	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.9000	0.8950	0.8950	0.8950	0.8950	0.8950
413	SG1	0.4000	0.3995	0.3998	0.3996	0.3996	0.3990
414	SG2	9.0000	9.0210	9.0220	9.0220	9.0210	9.0230
415	SGP	90.0000	90.3400	90.3400	90.3400	90.3500	90.3600
416	SGO	9.0000	8.9990	8.9880	8.9890	8.9890	8.9890
417	SGO	9.0000	9.0090	9.0090	9.0090	9.0090	9.0090
418	FR	5.6280	5.6280	5.6260	5.6270	5.6250	5.6280
500	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
501	FR	0.9770	0.9670	0.9650	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1010	1.1010	1.1010	1.1010	1.1010
503	SG1	0.0200	0.0300	0.0323	0.0324	0.0300	0.0302
504	FR	0.9550	0.9650	0.9670	0.9650	0.9650	0.9650

DATA SET 17

505	FR	1.3810	1.3110	1.3130	1.3100	1.3050	1.3050
506	FR	2.7620	3.0100	2.9900	2.9900	2.9700	3.0100
507	SG1	1.2100	1.2610	1.2610	1.2610	1.2610	1.2610
508	SG1	1.5556	1.5220	1.5250	1.5210	1.5250	1.5230
509	SG1	3.1100	3.2900	3.2700	3.2900	3.2900	3.2700
510	FR	0.9580	0.9670	0.9650	0.9650	0.9670	0.9650
511	FR	1.3810	1.3090	1.3090	1.3090	1.3070	1.3030
512	FR	2.7620	2.9900	2.9700	2.9700	2.9900	2.9700
513	SI	0.	0.5000	0.5000	0.5000	0.5000	0.5000
514	FR	110.0300	110.1000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	0.9000	0.9000	0.7000	0.7000	0.7000
516	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
517	SI	0.	0.	0.	0.	0.	0.
518	FR	155.5600	154.5000	154.5000	154.9000	154.3000	154.7000
519	SI	0.	8.9000	8.9000	9.3000	8.9000	9.1000
520	FR	311.1000	313.1000	313.1000	313.3000	313.3000	313.5000
521	SGP	110.0000	110.9000	110.9000	110.9000	110.9000	110.9000
522	SGP	121.0000	127.5000	127.5000	127.5000	127.5000	127.5000
523	SGP	155.5600	155.3000	155.3000	155.2000	155.5000	155.2000
524	SGP	311.1000	313.5000	313.5000	313.3000	313.7000	313.4000
525	SGP	0.0200	0.0200	0.0200	0.0200	0.0200	0.0201
526	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
527	FR	21.0000	125.9000	125.9000	125.9000	125.9000	125.9000
528	FR	155.5600	154.3000	154.3000	154.7000	154.5000	154.5000
529	FR	311.1000	313.1000	313.1000	313.3000	313.3000	313.5000
601	FR	0.6140	0.7210	0.7210	0.7210	0.7190	0.7190
602	SG1	1.1000	1.1070	1.1070	1.1050	1.1050	1.1050
603	SG1	9.0000	9.0036	9.0038	9.0037	9.0037	9.0038
604	FR	0.6140	0.7190	0.7190	0.7190	0.7190	0.7190
605	FR	0.8682	0.9430	0.9430	0.9410	0.9390	0.9410
606	FR	1.7360	2.3700	2.3700	2.3900	2.3700	2.3550
607	FR	110.0000	110.2000	110.3000	110.1000	110.2000	110.1000
608	FR	121.0000	126.1000	126.1000	126.1000	126.1000	125.9000
609	FR	155.5600	154.3000	154.1000	154.1000	154.3000	154.1000
610	FR	311.1000	313.6000	313.5000	313.5000	313.8000	313.5000
611	SGP	110.0000	112.1000	112.1000	112.1000	112.1000	112.1000
612	SGP	121.0000	129.9000	129.9000	129.9000	129.9000	129.9000
613	SGP	1.0000	1.0001	1.0002	1.0002	1.0001	1.0002
614	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
615	FR	121.0000	126.1000	126.1000	126.1000	126.1000	126.1000
616	FR	155.5600	154.1000	154.1000	154.5000	154.1000	154.3000
617	FR	311.1000	313.5000	313.4000	313.5000	313.6000	313.5000
701	FR	1.0000	1.0150	1.0070	1.0070	1.0050	1.0010
702	FR	2.0000	2.0930	2.0800	2.0770	2.0780	2.0700
801	FR	999.9960	999.9910	999.9940	999.9950	999.9950	999.9960
803	PGN	99.9999	99.9941	99.9941	99.9942	99.9942	99.9942
804	PGN	30.0000	30.7800	30.8300	30.8100	30.8500	30.8000
805	PGN	99.9999	99.9887	99.9887	99.9887	99.9887	99.9887
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9995	9.9995	9.9994
809	FR	999.9960	999.9960	999.9960	999.9950	999.9950	999.9950

DATA SET 19

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.8000	7.8010	7.8000	7.8010	7.8000
102	STR	-7.5000	-7.5010	-7.5020	-7.5010	-7.5020	-7.5010
103	DC1	0.0000	8.9840	8.9880	8.9840	8.9790	8.9860
104	DA1	0.0000	8.9990	8.9990	8.9980	8.9900	8.9900
105	FR	7.2000	7.7990	7.7990	7.7990	7.7990	7.7990
106	SI	0.	0.1000	0.	0.1000	0.1000	0.
107	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PS1	236.0000	236.7000	236.8000	236.7000	236.7000	236.7000
109	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.3000	0.3000	0.1000	0.1000	0.1000
111	FR	503.2100	500.1000	500.1000	500.1000	500.1000	499.9000
112	DA2	900.0000	894.9000	894.9000	894.9000	894.9000	894.8000
113	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8080	8.8110	8.8090	8.8090	8.8050
202	STR	0.0000	8.9890	8.9890	8.9890	8.9900	8.9840
203	FR	8.8198	8.8090	8.8090	8.8090	8.8080	8.8040
204	SI	0.	0.8900	0.9010	0.8970	0.8970	0.8860
205	FR	80.0500	80.6300	80.6400	80.6300	80.6400	80.5900
206	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
207	FR	819.9000	819.3000	819.3000	818.9000	819.1000	818.9000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0010	1000.0010	1000.0000	1000.0000	1000.0000
302	STR	900.0000	899.9990	899.9990	899.9900	899.9990	899.9900
303	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0050	0.0050	0.0030	0.0050	0.0050
401	FR	5.6280	5.6290	5.6270	5.6290	5.6250	5.6270
402	STR	7.0000	6.9950	6.9950	6.9950	6.9940	6.9950
403	FR	5.6280	5.6250	5.6270	5.6270	5.6250	5.6270
404	SI	0.	0.0090	0.0070	0.0070	0.0070	0.0090
405	FR	0.3170	0.3230	0.3230	0.3230	0.3230	0.3240
406	SI	0.	0.4790	0.4770	0.4770	0.4750	0.4750
407	FR	7.9580	8.0860	8.1010	8.0820	8.0790	8.0890
408	SI	0.	0.9100	0.8900	0.9100	0.8900	0.9100
409	FR	15.9140	13.7700	13.7300	13.7800	13.7700	13.7900
410	SG1	0.0000	0.0200	0.0190	0.0190	0.0190	0.0200
411	SG1	0.0810	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.0000	0.8950	0.8950	0.8950	0.8950	0.8950
413	SG1	0.4000	0.3996	0.3996	0.3996	0.3997	0.3995
414	SG2	0.0000	0.0230	0.0240	0.0230	0.0230	0.0240
415	SGP	90.0000	90.3800	90.3500	90.3500	90.3500	90.3700
416	SGO	0.0000	8.9890	8.9890	8.9890	8.9890	8.9900
417	SGO	0.0000	9.0100	9.0090	9.0110	9.0110	9.0110
418	FR	5.6280	5.6280	5.6250	5.6260	5.6270	5.6280
500	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
501	FR	0.9770	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1010	1.1010	1.1010	1.1010	1.1010
503	SG1	0.0200	0.0327	0.0475	0.0389	0.0369	0.0363
504	FR	0.9550	0.9660	0.9670	0.9650	0.9650	0.9670

DATA SET 18

505	FR	1.3810	1.3100	1.3230	1.3030	1.3070	1.3130
506	FR	2.7620	2.9990	2.9900	2.9900	2.9700	3.0100
507	SG1	1.2100	1.2610	1.2610	1.2610	1.2610	1.2610
508	SG1	1.5556	1.5190	1.5230	1.5170	1.5250	1.5240
509	SG1	3.1100	3.3100	3.2700	3.3100	3.2900	3.2900
510	FR	0.9550	0.9670	0.9670	0.9650	0.9670	0.9670
511	FR	1.3810	1.3090	1.3190	1.3090	1.3090	1.3130
512	FR	2.7620	2.9700	2.9900	2.9700	3.0100	2.9900
513	SI	0.	0.5000	0.5000	0.5000	0.5000	0.5000
514	FR	110.0300	110.1000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	0.7000	0.7000	0.7000	0.7000	0.6000
516	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
517	SI	0.	0.	0.	0.	0.	0.
518	FR	155.5600	154.5000	154.3000	154.5000	154.3000	154.5000
519	SI	0.	9.1000	8.9000	9.1000	9.1000	9.1000
520	FR	311.1000	313.5000	313.2000	313.5000	313.4000	313.5000
521	SGP	110.0000	110.9000	110.9000	110.9000	110.8000	110.9000
522	SGP	121.0000	127.5000	127.5000	127.5000	127.5000	127.7000
523	SGP	155.5600	155.1000	155.3000	155.1000	155.5000	155.5000
524	SGP	311.1000	313.3000	313.5000	313.2000	313.7000	313.9000
525	SGP	0.0200	0.0200	0.0201	0.0200	0.0200	0.0200
526	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
527	FR	121.0000	125.9000	125.9000	125.9000	125.9000	126.1000
528	FR	155.5600	154.5000	154.2000	154.5000	154.3000	154.5000
529	FR	311.1000	313.5000	313.1000	313.5000	313.3000	313.3000
601	FR	0.6140	0.7190	0.7190	0.7190	0.7190	0.7190
602	SG1	1.1000	1.1050	1.1050	1.1050	1.1050	1.1050
603	SG1	9.0000	9.0037	9.0038	9.0037	9.0037	9.0038
604	FR	0.6140	0.7190	0.7190	0.7190	0.7190	0.7190
605	FR	0.8682	0.9550	0.9590	0.9450	0.9410	0.9450
606	FR	1.7360	2.3900	2.3900	2.3900	2.3700	2.3900
607	FR	110.0000	110.3000	110.3000	110.1000	110.1000	110.3000
608	FR	121.0000	126.1000	126.1000	126.1000	126.1000	126.1000
609	FR	155.5600	154.5000	154.1000	154.0000	154.4000	154.7000
610	FR	311.1000	313.7000	313.5000	313.3000	313.9000	313.6000
611	SGP	110.0000	112.1000	112.1000	112.1000	112.1000	112.1000
612	SGP	121.0000	129.9000	129.9000	129.9000	129.9000	130.1000
613	SGP	1.0000	1.0002	1.0002	1.0003	1.0002	1.0002
614	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
615	FR	121.0000	126.1000	126.0000	126.1000	126.1000	126.1000
616	FR	155.5600	154.3000	154.3000	154.4000	154.2000	154.7000
617	FR	311.1000	313.9000	313.3000	313.8000	313.7000	313.9000
701	FR	1.0000	0.9890	0.9900	0.9970	0.9990	0.9985
702	FR	2.0000	2.0230	2.0230	2.0690	2.0730	2.0650
801	FR	999.9960	999.9940	999.9950	999.9940	999.3020	999.2950
803	PGN	99.9999	99.9941	99.9941	99.9942	99.9941	99.9939
804	PGN	30.0000	30.8505	30.8300	30.7500	30.8300	30.8900
805	PGN	99.9999	99.9888	99.9887	99.9887	99.9887	99.9886
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9995	9.9994	9.9995
809	FR	999.9960	999.9955	999.9960	999.9950	999.9950	999.9960

DATA SET 10

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
102	STP	-7.5000	-7.5010	-7.5010	-7.5010	-7.5010	-7.5010
103	DC1	9.0000	9.0160	9.0180	9.0180	9.0120	9.0120
104	DA1	9.0000	8.9990	8.9990	8.9730	8.9990	8.9990
105	FR	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
106	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
107	FR	223.0000	223.2000	223.0000	223.2000	223.2000	223.0000
108	PS1	230.0000	236.7000	236.8000	236.7000	236.4000	236.3000
109	FR	223.0000	223.1000	223.2000	223.1000	223.2000	223.0000
110	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
111	FR	503.2100	500.4000	500.3000	500.3000	500.3000	500.3000
112	DA2	900.0000	893.5000	893.4000	893.4000	893.3000	893.4000
113	FR	503.2100	500.6000	500.3000	500.4000	500.3000	500.3000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8270	8.8310	8.8300	8.8300	8.8290
202	STR	9.0000	9.0090	9.0160	9.0150	9.0130	9.0130
203	FR	8.8198	8.8290	8.8320	8.8310	8.8320	8.8320
204	SI	0.	0.9020	0.9160	0.9120	0.9130	0.9120
205	FR	80.0500	79.4200	79.4600	79.4500	79.4300	79.4700
206	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
207	FR	819.9000	818.7000	818.7000	818.8000	818.0000	818.8000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	900.0020	900.0020	900.0020	900.0020	900.0020
303	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FR	5.6280	5.6330	5.6320	5.6280	5.6330	5.6320
402	STR	7.0000	7.0030	7.0030	7.0030	7.0030	7.0030
403	FR	5.6280	5.6360	5.6330	5.6290	5.6320	5.6280
404	SI	0.	0.0320	0.0320	0.0330	0.0330	0.0330
405	FR	0.3170	0.3190	0.3190	0.3190	0.3190	0.3190
406	SI	0.	0.5530	0.5620	0.5490	0.5500	0.5490
407	FR	7.9580	8.1290	8.1400	8.1290	8.1290	8.1280
408	SI	0.	0.9300	0.9400	0.9500	0.9400	0.9400
409	FR	15.9160	13.2500	13.2500	13.2500	13.2600	13.2500
410	SG1	9.0000	9.1060	9.1040	9.1040	9.1040	9.1040
411	SG1	0.0810	0.0860	0.0860	0.0860	0.0860	0.0860
412	SG1	0.9000	0.9120	0.9120	0.9120	0.9120	0.9120
413	SG1	0.4000	0.3996	0.3997	0.3996	0.3996	0.3997
414	SG2	9.0000	9.0060	9.0060	9.0070	9.0060	9.0060
415	SGP	90.0000	91.1200	91.1400	91.1400	91.1400	91.1400
416	SG0	9.0000	8.9860	8.9890	8.9890	8.9880	8.9895
417	SG0	9.0000	9.0230	9.0260	9.0240	9.0240	9.0240
418	FR	5.6280	5.6320	5.6270	5.6320	5.6330	5.6280
500	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
501	FR	0.9770	0.9680	0.9680	0.9680	0.9670	0.9680
502	SG1	1.1000	1.1140	1.1140	1.1140	1.1130	1.1140
503	SG1	0.0200	0.0610	0.0625	0.0586	0.0595	0.0641
504	FR	0.9550	0.9410	0.9400	0.9410	0.9400	0.9400

DATA SET 19

505	FR	1.3810	1.3900	1.3850	1.3890	1.3910	1.3880
506	FR	2.7620	2.9100	2.9100	2.9200	2.9100	2.9100
507	SGI	1.2100	1.2460	1.2460	1.2450	1.2460	1.2440
508	SGI	1.5556	1.5950	1.5910	1.5900	1.5940	1.5890
509	SGI	3.1100	3.2300	3.2200	3.2200	3.2300	3.2300
510	FR	0.9550	0.9410	0.9420	0.9420	0.9400	0.9410
511	FR	1.3810	1.3890	1.3850	1.3880	1.3850	1.3890
512	FR	2.7620	2.9100	2.9100	2.9100	2.9100	2.9100
513	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	FR	110.0300	110.0000	110.0000	110.0000	110.0000	110.0000
515	SI	0.	3.2000	3.2000	3.2000	3.3000	3.3000
516	FR	121.0000	121.3000	121.3000	121.3000	121.3000	121.3000
517	SI	0.	0.4000	0.3000	0.3000	0.2000	0.3000
518	FR	155.5600	156.8000	156.6000	156.8000	156.5000	156.5000
519	SI	0.	9.3000	9.2000	9.3000	9.2000	9.2000
520	FR	311.1000	310.4000	310.5000	310.5000	310.5000	310.5000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	122.7000	122.7000	122.7000	122.7000	122.7000
523	SGP	155.5600	157.3000	157.5000	157.2000	157.5000	157.5000
524	SGP	311.1000	310.4000	310.3000	310.4000	310.5000	310.5000
525	SGP	0.0200	0.0201	0.0200	0.0201	0.0200	0.0200
526	FR	110.0000	110.0000	110.2000	110.0000	110.0000	110.0000
527	FR	121.0000	121.3000	121.3000	121.3000	121.3000	121.3000
528	FR	155.5600	156.9000	156.8000	156.8000	156.9000	156.8000
529	FR	311.1000	310.4000	310.5000	310.8000	310.9000	310.5000
601	FR	0.6140	0.6850	0.6840	0.6840	0.6830	0.6830
602	SGI	1.1000	1.1070	1.1060	1.1050	1.1040	1.1040
603	SGI	0.0000	0.0002	0.0004	0.0005	0.0005	0.0005
604	FR	0.6140	0.6840	0.6835	0.6830	0.6830	0.6820
605	FR	0.8682	0.9830	0.9810	0.9790	0.9750	0.9750
606	FR	1.7360	2.2500	2.2400	2.2500	2.2700	2.2600
607	FR	110.0000	110.1000	110.1000	110.2000	110.1000	110.0000
608	FR	121.0000	121.3000	121.4000	121.4000	121.3000	121.4000
609	FR	155.5600	156.8000	156.5000	156.5000	156.5000	156.4000
610	FR	311.1000	310.8000	310.9000	310.8000	310.9000	310.9000
611	SGP	110.0000	112.0000	112.1000	112.0000	112.0000	112.0000
612	SGP	121.0000	125.3000	125.3000	125.3000	125.3000	125.3000
613	SGP	1.0000	1.0007	1.0007	1.0008	1.0009	1.0007
614	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
615	FR	121.0000	121.3000	121.4000	121.3000	121.4000	121.4000
616	FR	155.5600	156.5000	156.5000	156.5000	156.4000	156.4000
617	FR	311.1000	310.9000	310.9000	310.9000	310.9000	310.9000
701	FR	1.0000	1.0390	1.0390	1.0360	1.0350	1.0350
702	FR	2.0000	2.0250	2.0310	2.0250	2.0210	2.0290
801	FR	999.9960	999.9960	999.9960	999.9960	999.9950	999.9950
803	PGN	99.9999	99.9949	99.9950	99.9949	99.9949	99.9950
804	PGN	30.0000	29.9900	30.2100	30.2900	30.0900	30.1900
805	PGN	99.9900	99.9894	99.9895	99.9894	99.9895	99.9895
806	PGN	0.0050	0.0053	0.0054	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9996	9.9995	9.9995
809	FR	999.9960	999.9960	999.9960	999.9960	999.9960	999.9950

DATA SET 20

130	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
131	FP	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
132	STP	-7.5000	-7.5010	-7.5010	-7.5010	-7.5010	-7.5010
133	DC1	0.0000	0.0160	0.0150	0.0180	0.0150	0.0130
134	DA1	0.0000	8.9990	8.9990	8.9990	8.9990	8.9990
135	FP	7.9000	7.8030	7.8030	7.8030	7.8030	7.8030
136	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
137	FP	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
138	PS1	230.0000	236.4000	236.4000	236.4000	236.4000	236.4000
139	FP	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
110	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
111	FP	503.2100	500.4000	500.3000	500.3000	500.3000	500.3000
112	DA2	900.0000	893.5000	893.4000	893.4000	893.4000	893.4000
113	FP	503.2100	500.4000	500.6000	500.6000	500.6000	500.6000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FP	8.8198	8.8290	8.8330	8.8330	8.8330	8.8340
202	STP	0.0000	0.0130	0.0190	0.0160	0.0190	0.0170
203	FP	8.8198	8.8300	8.8360	8.8330	8.8330	8.8320
204	SI	0.	0.9130	0.9190	0.9170	0.9170	0.9250
205	FP	80.0500	79.6400	79.4800	79.4800	79.4700	79.4600
206	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
207	FP	819.9000	818.6000	818.8000	819.0000	818.7000	818.7000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STP	900.0000	900.0020	900.0020	900.0020	900.0010	900.0020
303	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FP	5.6280	5.6300	5.6270	5.6260	5.6260	5.6270
402	STP	7.0000	7.0030	7.0020	7.0020	7.0020	7.0020
403	FP	5.6280	5.6260	5.6270	5.6280	5.6270	5.6230
404	SI	0.	0.0330	0.0330	0.0340	0.0340	0.0340
405	FP	0.3170	0.3180	0.3190	0.3190	0.3180	0.3190
406	SI	0.	0.5480	0.5510	0.5520	0.5520	0.5520
407	FP	7.9580	8.1300	8.1190	8.1190	8.1210	8.1280
408	SI	0.	0.9400	0.9400	0.9400	0.9400	0.9400
409	FP	15.9160	13.2400	13.2500	13.2300	13.2500	13.2500
410	SG1	0.0000	0.1040	0.1030	0.1030	0.1040	0.1040
411	SG1	0.0810	0.0860	0.0860	0.0860	0.0860	0.0860
412	SG1	0.6000	0.6110	0.6110	0.6120	0.6110	0.6110
413	SG1	0.4000	0.3996	0.3996	0.3996	0.3996	0.3996
414	SG2	0.0000	0.0040	0.0040	0.0040	0.0040	0.0040
415	SGP	90.0000	91.1200	91.1300	91.1400	91.1300	91.1300
416	SGO	0.0000	8.9860	8.9870	8.9880	8.9880	8.9870
417	SGO	0.0000	0.0230	0.0230	0.0230	0.0230	0.0230
418	FP	5.6280	5.6260	5.6280	5.6260	5.6270	5.6270
500	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
501	FP	0.9770	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1130	1.1140	1.1140	1.1140	1.1140
503	SG1	0.0200	0.0485	0.0565	0.0565	0.0571	0.0564
504	FP	0.9550	0.9400	0.9390	0.9390	0.9380	0.9390

DATA SET 20

505	FR	1.3810	1.3890	1.3860	1.3850	1.3810	1.3850
506	FR	2.7620	2.9000	2.9100	2.9100	2.9200	2.9300
507	SG1	1.2100	1.2440	1.2440	1.2440	1.2460	1.2440
508	SG1	1.5556	1.5820	1.5890	1.5850	1.5900	1.5910
509	SG1	3.1100	3.2300	3.2300	3.2300	3.2300	3.2300
510	FR	0.9550	0.9380	0.9400	0.9400	0.9400	0.9400
511	FR	1.3810	1.3880	1.3820	1.3890	1.3890	1.3890
512	FR	2.7620	2.9000	2.9100	2.9000	2.9100	2.9100
513	ST	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	FR	110.0300	109.9000	109.9000	109.9000	109.9000	109.9000
515	ST	0.	3.3000	3.4000	3.4000	3.4000	3.4000
516	FR	121.0000	121.2000	121.2000	121.0000	121.2000	121.2000
517	ST	0.	0.2000	0.1000	0.1000	0.1000	0.1000
518	FR	155.5600	156.5000	156.5000	156.5000	156.5000	156.5000
519	ST	0.	9.2000	9.2000	9.2000	9.3000	9.2000
520	FR	311.1000	310.4000	310.4000	310.5000	310.5000	310.2000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	122.6000	122.7000	122.7000	122.7000	122.7000
523	SGP	155.5600	157.2000	157.1000	157.1000	157.2000	157.4000
524	SGP	311.1000	310.5000	310.8000	310.5000	310.8000	310.8000
525	SGP	0.0200	0.0201	0.0200	0.0200	0.0200	0.0200
526	FR	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
527	FR	121.0000	121.2000	121.2000	121.2000	121.2000	121.2000
528	FR	155.5600	156.5000	156.5000	156.5000	156.5000	156.5000
529	FR	311.1000	310.4000	310.4000	310.4000	310.5000	310.5000
601	FR	0.6140	0.6770	0.6770	0.6770	0.6770	0.6770
602	SG1	1.1000	1.1030	1.1030	1.1030	1.1030	1.1030
603	SG1	9.0000	9.0004	9.0005	9.0007	9.0007	9.0007
604	FR	0.6140	0.6770	0.6760	0.6760	0.6770	0.6760
605	FR	0.8682	0.9710	0.9690	0.9710	0.9690	0.9700
606	FR	1.7360	2.2400	2.2500	2.2500	2.2500	2.2500
607	FR	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
608	FR	121.0000	121.3000	121.2000	121.2000	121.2000	121.3000
609	FR	155.5600	156.3000	156.2000	156.2000	156.2000	156.4000
610	FR	311.1000	310.9000	310.9000	310.9000	310.8000	310.8000
611	SGP	110.0000	112.0000	112.0000	112.0000	112.0000	112.0000
612	SGP	121.0000	125.2000	125.2000	125.2000	125.2000	125.3000
613	SGP	1.0000	1.0007	1.0007	1.0007	1.0007	1.0007
614	FR	110.0000	110.0000	110.0000	110.0000	110.0000	109.9000
615	FR	121.0000	121.1000	121.3000	121.3000	121.3000	121.2000
616	FR	155.5600	156.3000	156.3000	156.3000	156.3000	156.4000
617	FR	311.1000	310.5000	310.8000	310.9000	310.9000	310.9000
701	FR	1.0000	1.0690	1.0350	1.0310	1.0300	1.0350
702	FR	2.0000	2.0690	2.0190	2.0380	2.0180	2.0280
801	FR	999.9960	999.9960	99.9963	999.9960	999.9960	999.9963
803	PGN	99.9939	99.9949	99.9950	99.9950	99.9950	99.9950
804	PGN	30.0000	30.1900	30.1900	30.1900	30.2000	30.2500
805	PGN	99.9999	99.9895	99.9896	99.9896	99.9896	99.9896
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9995	9.9994	9.9995
809	FR	999.9960	999.9963	999.9963	999.9960	999.9960	999.9963

DATA SET 21

130	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
131	FR	7.8000	7.7960	7.7980	7.7980	7.7980	7.7980
132	STR	-7.5000	-7.4990	-7.4990	-7.4990	-7.4990	-7.4990
133	DC1	0.0000	8.9880	8.9780	8.9840	8.9800	8.9780
134	DA1	0.0000	8.9950	8.9950	8.9950	8.9950	8.9950
135	FR	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
136	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
137	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
138	PS1	230.0000	236.7000	236.7000	236.7000	236.7000	236.7000
139	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	1.3000	0.7000	0.6000	1.1000	0.5000
111	FR	503.2100	499.5000	499.7000	499.7000	499.5000	499.7000
112	DA2	900.0000	894.3000	894.5000	894.4000	894.2000	894.1000
113	FR	503.2100	500.1000	499.9000	500.1000	499.9000	499.9000
230	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
231	FR	8.8198	8.8090	8.8060	8.8060	8.8030	8.8060
232	STR	0.0000	8.9910	8.9870	8.9860	8.9880	8.9880
233	FR	8.8158	8.8070	8.8090	8.8060	8.8070	8.8030
234	SI	0.	0.8910	0.8930	0.8930	0.8930	0.8930
235	FR	80.0500	80.5800	80.5800	80.5800	80.5500	80.5900
236	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
237	FR	819.9000	819.8000	820.1000	819.9000	820.0000	820.0000
330	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
331	FR	999.9960	1000.0000	1000.0010	1000.0000	1000.0000	1000.0000
332	STR	900.0000	900.0000	900.0000	900.0000	900.0000	899.9990
333	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
430	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
431	FR	5.6280	5.6180	5.6190	5.6190	5.6210	5.6230
432	STR	7.0000	6.9910	6.9910	6.9910	6.9930	6.9910
433	FR	5.6270	5.6230	5.6190	5.6210	5.6190	5.6210
434	SI	0.	0.0090	0.0090	0.0090	0.0090	0.0090
435	FR	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
436	SI	0.	0.4710	0.4730	0.4730	0.4710	0.4710
437	FR	7.9580	8.1030	8.1080	8.1090	8.1030	8.1050
438	SI	0.	0.8700	0.9200	0.9100	0.8900	0.8900
439	FR	15.9160	13.7500	13.7700	13.7500	13.7300	13.7300
410	SG1	9.0000	9.0190	9.0190	9.0190	9.0190	9.0190
411	SG1	0.0910	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.9000	0.8950	0.8950	0.8950	0.8950	0.8950
413	SG1	0.4000	0.3996	0.3997	0.3996	0.3997	0.3999
414	SG2	0.0000	0.0210	0.0210	0.0210	0.0210	0.0200
415	SGP	90.0000	90.3100	90.3200	90.3200	90.3500	90.3300
416	SG0	0.0000	8.9880	8.9880	8.9880	8.9890	8.9890
417	SG0	0.0000	0.0090	0.0090	0.0090	0.0090	0.0090
418	FR	5.6280	5.6210	5.6200	5.6250	5.6230	5.6210
530	SI	0.	0.0050	0.0060	0.0050	0.0090	0.0050
531	FR	0.9770	0.9650	0.9570	0.9660	0.9635	0.9470
532	SG1	1.1010	1.1010	1.1010	1.1030	1.1010	1.1030
533	SG1	0.0200	0.0495	0.0482	0.0495	0.0480	0.0487
534	FR	0.9550	0.9650	0.9650	0.9650	0.9670	0.9670

DATA SET 21

535	FR	1.3810	1.3370	1.3390	1.3410	1.3370	1.3370
536	FR	2.7620	2.9700	2.9700	3.0100	2.9700	2.9900
537	SGI	1.2100	1.2630	1.2630	1.2630	1.2630	1.2630
538	SGI	1.5556	1.5190	1.5130	1.5300	1.5200	1.5220
539	SGI	3.1100	3.2900	3.2800	3.2900	3.2500	3.3100
510	FR	0.9550	0.9650	0.9670	0.9670	0.9670	0.9670
511	FR	1.3810	1.3370	1.3370	1.3370	1.3400	1.3390
512	FR	2.7620	2.9900	2.9500	2.9500	2.9900	3.0000
513	SI	0.	0.7000	0.7000	0.7000	0.7000	0.6000
514	FR	110.0300	110.1000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	0.9000	0.9000	0.9000	0.9000	0.7000
516	FR	121.0000	125.9000	125.7000	125.9000	125.9000	125.9000
517	SI	0.	0.	0.	0.	0.	0.
518	FR	155.5600	154.5000	154.3000	154.3000	154.5000	154.5000
519	SI	0.	8.9000	8.9000	8.9000	8.9000	8.9000
520	FR	311.1000	313.1000	313.1000	313.1000	313.1000	313.1000
521	SGP	110.0000	110.9000	110.9000	110.9000	110.9000	110.9000
522	SGP	121.0000	127.5000	127.5000	127.5000	127.5000	127.5000
523	SGP	155.5600	155.1000	155.4000	155.3000	154.9000	155.1000
524	SGP	311.1000	313.3000	313.4000	313.3000	312.9000	312.9000
525	SGP	0.0200	0.0201	0.0201	0.0201	0.0201	0.0200
526	FR	110.0000	110.3000	110.1000	110.3000	110.3000	110.1000
527	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
528	FR	155.5600	154.4000	154.3000	154.5000	154.5000	154.5000
529	FR	311.1000	313.1000	313.0000	313.2000	313.3000	313.2000
601	FR	0.6140	0.7090	0.7090	0.7090	0.7090	0.7010
602	SGI	1.1000	1.1050	1.1050	1.1060	1.1060	1.1070
603	SGI	9.0000	9.0030	9.0036	9.0036	9.0036	9.0037
604	FR	0.6140	0.7070	0.7070	0.7070	0.7070	0.7080
605	FR	0.8682	0.9490	0.9510	0.9500	0.9490	0.9510
606	FR	1.7360	2.3100	2.3500	2.3300	2.3300	2.3300
607	FR	110.0000	110.3000	110.3000	110.3000	110.3000	110.3000
608	FR	121.0000	125.9000	125.6000	125.1000	125.1000	124.1000
609	FR	155.5600	154.3000	154.3000	154.5000	154.3000	154.1000
610	FR	311.1000	313.3000	313.4000	313.5000	313.3000	313.3000
611	SGP	110.0000	112.1000	112.1000	112.1000	112.1000	112.1000
612	SGP	121.0000	129.9000	129.9000	130.1000	129.9000	130.1000
613	SGP	1.0000	1.0003	1.0003	1.0003	1.0003	1.0003
614	FR	110.0000	110.3000	110.1000	110.3000	110.3000	110.1000
615	FR	121.0000	125.9000	126.1000	126.1000	126.1000	126.1000
616	FR	155.5600	154.3000	154.2000	154.1000	154.5000	154.3000
617	FR	311.1000	313.3000	313.3000	313.3000	313.5000	313.5000
701	FR	1.0000	1.0050	0.9970	1.0350	1.0000	0.9950
702	FR	2.0000	2.0200	2.0190	2.0780	2.0130	2.0210
801	FR	999.9960	999.9960	999.9950	999.9960	999.9950	999.9960
803	PGN	99.9999	99.9941	99.9941	99.9941	99.9941	99.9940
804	PGN	30.0000	30.7500	30.6500	30.6900	30.7300	30.7100
805	PGN	99.9999	99.9887	99.9887	99.9886	99.9887	99.9886
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9994	9.9994	9.9995
810	FR	999.9960	999.9950	999.9950	999.9950	999.9950	999.9950

DATA SET 22

100	SI	0.	-0.	0.0010	0.0010	0.0010	0.0010
101	FP	7.8000	7.7990	7.7980	7.7980	7.7980	7.7990
102	STP	-7.5000	-7.4990	-7.4990	-7.4980	-7.4980	-7.4980
103	DC1	8.0000	8.9810	8.9780	8.9850	8.9840	8.9810
104	DA1	9.0000	8.9950	8.9950	8.9950	8.9950	8.9950
105	FP	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
106	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
107	FP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PS1	230.0000	236.7000	236.7000	236.7000	236.7000	236.7000
109	FP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	1.3000	0.9000	0.7000	1.3000	0.9000
111	FP	503.2100	499.6000	499.6000	499.6000	499.5000	499.5000
112	DA2	900.0000	894.4000	894.3000	894.4000	894.5000	894.5000
113	FP	503.2100	497.9000	499.9000	499.5000	499.8000	499.5000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FP	8.8198	8.8080	8.8080	8.8090	8.8090	8.8080
202	STP	9.0000	8.9840	8.9890	8.9870	8.9880	8.9890
203	FP	8.8198	8.8080	8.8090	8.8070	8.8070	8.8070
204	SI	0.	0.8810	0.8890	0.8930	0.8950	0.8950
205	FP	80.0500	80.5500	80.5400	80.6000	80.5600	80.5400
206	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
207	FP	819.9000	819.3000	819.8000	819.8000	819.8000	819.8000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FP	999.9960	1000.0010	1000.0000	1000.0010	1000.0000	1000.0000
302	STP	900.0000	899.9990	900.0000	900.0000	899.9990	899.9990
303	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0070	0.0050	0.0050	0.0050	0.0050
401	FP	5.6280	5.6210	5.6220	5.6230	5.6200	5.6250
402	STP	7.0000	6.9930	6.9930	6.9930	6.9930	6.9930
403	FP	5.6280	5.6250	5.6230	5.6250	5.6210	5.6250
404	SI	0.	0.0090	0.0090	0.0090	0.0090	0.0090
405	FP	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4760	0.4730	0.4710	0.4750	0.4770
407	FP	7.9580	8.1050	8.1100	8.1120	8.1130	8.1100
408	SI	0.	0.8900	0.8900	0.8900	0.9300	0.9300
409	FP	15.9160	13.7300	13.7300	13.7500	13.7500	13.7700
410	SG1	0.0000	0.0190	0.0190	0.0190	0.0190	0.0190
411	SG1	0.0810	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.9000	0.8950	0.8950	0.8950	0.8950	0.8950
413	SG1	0.4000	0.3996	0.3997	0.3997	0.3998	0.3996
414	SG2	9.0000	9.0190	9.0210	9.0210	9.0210	9.0230
415	SGP	90.0000	90.3100	90.3200	90.3200	90.3500	90.3300
416	SGO	9.0000	8.9890	8.9890	8.9880	8.9890	8.9890
417	SGO	9.0000	9.0090	9.0090	9.0090	9.0090	9.0090
418	FP	5.6280	5.6230	5.6210	5.6230	5.6230	5.6240
500	SI	0.	0.0070	0.0070	0.0050	0.0050	0.0070
501	FP	0.9770	0.9670	0.9650	0.9670	0.9670	0.9650
502	SG1	1.1000	1.1010	1.1010	1.1010	1.1030	1.1010
503	SG1	0.0200	0.0459	0.0451	0.0493	0.0479	0.0467
504	FP	0.9550	0.9670	0.9670	0.9670	0.9670	0.9670

DATA SET 22

505	FR	1.3810	1.3350	1.3390	1.3390	1.3390	1.3390
506	FR	2.7620	2.9700	2.9900	2.9900	2.9600	2.9500
507	SG1	1.2100	1.2630	1.2630	1.2650	1.2610	1.2630
508	SG1	1.5556	1.5230	1.5190	1.5290	1.5240	1.5180
509	SG1	3.1100	3.2900	3.2900	3.2900	3.2700	3.2700
510	FR	0.9550	0.9670	0.9670	0.9670	0.9670	0.9670
511	FR	1.3810	1.3390	1.3430	1.3390	1.3390	1.3400
512	FR	2.7620	2.9900	2.9900	2.9700	2.9700	2.9900
513	SI	0.	0.7000	0.7000	0.7000	0.7000	0.5000
514	FR	110.0300	110.1000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	0.9000	0.9000	0.9000	0.9000	0.9000
516	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
517	SI	0.	0.	0.	0.	0.	0.
518	FR	155.5600	154.7000	154.3000	154.3000	154.7000	154.8000
519	SI	0.	8.9000	8.9000	8.9000	9.1000	9.2000
520	FR	311.1000	313.0000	312.8000	312.9000	313.2000	313.2000
521	SGP	110.0000	110.9000	110.9000	110.9000	110.7000	110.9000
522	SGP	121.0000	127.5000	127.5000	127.5000	127.5000	127.5000
523	SGP	155.5600	155.1000	155.1000	155.3000	155.5000	155.2000
524	SGP	311.1000	312.9000	313.1000	313.1000	313.1000	313.1000
525	SGP	0.0200	0.0201	0.0200	0.0200	0.0200	0.0200
526	FR	110.0000	110.3000	110.3000	110.3000	110.3000	110.3000
527	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
528	FR	155.5600	154.5000	154.7000	154.7000	154.3000	154.5000
529	FR	311.1000	313.0000	313.1000	313.1000	312.9000	313.0000
601	FR	0.6140	0.7110	0.7090	0.7090	0.7090	0.7090
602	SG1	1.1000	1.1070	1.1070	1.1070	1.1070	1.1070
603	SG1	9.0000	9.0036	9.0036	9.0036	9.0037	9.0037
604	FR	0.6140	0.7090	0.7090	0.7090	0.7090	0.7090
605	FR	0.8682	0.9510	0.9510	0.9510	0.9550	0.9510
606	FR	1.7300	2.3100	2.3300	2.3500	2.3400	2.3300
607	FR	110.0000	110.3000	110.3000	110.4000	110.4000	110.3000
608	FR	121.0000	126.1000	126.1000	126.1000	126.1000	126.1000
609	FR	155.5600	154.3000	154.5000	154.5000	154.1000	154.3000
610	FR	311.1000	313.3000	313.3000	313.5000	313.2000	313.3000
611	SGP	110.0000	112.1000	112.1000	112.1000	112.1000	112.1000
612	SGP	121.0000	129.9000	130.1000	130.1000	130.1000	130.1000
613	SGP	1.0000	1.0002	1.0002	1.0003	1.0303	1.0003
614	FR	110.0000	110.3000	110.3000	110.3000	110.3000	110.1000
615	FR	121.0000	126.1000	126.1000	126.1000	126.1000	126.1000
616	FR	155.5600	154.7000	154.3000	154.1000	154.3000	154.5000
617	FR	311.1000	313.5000	313.1000	313.2000	313.3000	313.5000
731	FR	1.0000	0.9990	1.0350	0.9980	1.0030	1.0370
732	FR	2.0000	2.0100	2.0280	2.0150	2.0130	2.0150
801	FR	999.9960	999.9950	999.9950	999.9950	999.9950	999.9950
803	PGN	99.9999	99.9941	99.9940	99.9940	99.9941	99.9940
804	PGN	30.0000	30.7950	30.6922	30.8300	30.3900	30.7700
805	PGN	99.9999	99.9887	99.9886	99.9886	99.9886	99.9886
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9994	9.9994	9.9994	9.9995	9.9994
809	FR	999.9960	999.9950	999.9950	999.9950	999.9950	999.9950

DATA SET 23

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.7980	7.7990	7.7980	7.7980	7.7990
102	STP	-7.5000	-7.4990	-7.4980	-7.4980	-7.4980	-7.4980
103	DC1	9.0000	8.9690	8.9830	8.9690	8.9810	8.9810
104	DA2	9.0000	8.9950	8.9950	8.9950	8.9950	8.9950
105	FR	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
106	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
107	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PS1	230.0000	236.7000	236.7000	236.7000	236.7000	236.7000
109	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	2.0000	1.5000	1.1000	1.1000	0.7000
111	FR	503.2100	499.7000	499.5000	499.5000	499.6000	499.7000
112	DA2	900.0000	894.1000	894.3000	894.1000	893.9000	894.1000
113	FR	503.2100	499.1000	499.9000	499.8000	498.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8080	8.8070	8.8090	8.8090	8.8070
202	STP	9.0000	8.9890	8.9890	8.9890	8.9890	8.9900
203	FR	8.8198	8.8090	8.8090	8.8090	8.8100	8.8100
204	SI	0.	0.8790	0.8830	0.8940	0.8970	0.8990
205	FR	80.0500	80.5600	80.5800	80.5900	80.5900	80.6000
206	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
207	FR	819.9000	819.8000	818.9000	819.8000	819.8000	819.8000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0010	1000.0000
302	STP	900.0000	899.9990	899.9990	899.9990	899.9990	899.9990
303	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
401	FR	5.6280	5.6210	5.6210	5.6230	5.6240	5.6230
402	STP	7.0000	6.9930	6.9930	6.9930	6.9930	6.9930
403	FR	5.6280	5.6270	5.6240	5.6240	5.6210	5.6240
404	SI	0.	0.0090	0.0090	0.0070	0.0070	0.0070
405	FR	0.3170	0.3240	0.3250	0.3230	0.3230	0.3230
406	SI	0.	0.4730	0.4730	0.4750	0.4710	0.4750
407	FR	7.9580	8.1130	8.1100	8.1120	8.1080	8.1040
408	SI	0.	0.8700	0.8900	0.9500	0.9100	0.9100
409	FR	15.9160	13.7300	13.7300	13.7900	13.7700	13.7700
410	SG1	0.0000	0.0190	0.0190	0.0190	0.0190	0.0190
411	SG1	0.0910	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.9000	0.8950	0.8950	0.8950	0.8950	0.8950
413	SG1	0.4000	0.3995	0.3995	0.3996	0.3996	0.3996
414	SG2	0.0000	0.0210	0.0210	0.0200	0.0210	0.0210
415	SGP	90.0000	90.2900	90.3200	90.3300	90.3400	90.3400
416	SGO	9.0000	8.9890	8.9880	8.9890	8.9890	8.9890
417	SGO	0.0000	0.0090	0.0090	0.0090	0.0090	0.0090
418	FR	5.6280	5.6200	5.6270	5.6250	5.6220	5.6250
500	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
501	FR	0.9770	0.9670	0.9670	0.9660	0.9670	0.9670
502	SG1	1.1000	1.1010	1.1000	1.1010	1.1010	1.1010
503	SG1	0.0200	0.0463	0.0457	0.0466	0.0464	0.0457
504	FR	0.9550	0.9670	0.9670	0.9670	0.9670	0.9670

DATA SET 23

505	FR	1.3910	1.3390	1.3390	1.3370	1.3350	1.3370
506	FR	2.7620	2.9700	2.9700	2.9900	2.9900	3.0100
507	SGI	1.2100	1.2630	1.2620	1.2630	1.2650	1.2630
508	SGI	1.5556	1.5170	1.5190	1.5190	1.5190	1.5250
509	SGI	3.1100	3.2900	3.2900	3.2900	3.3100	3.3300
510	FR	0.9550	0.9670	0.9670	0.9670	0.9670	0.9670
511	FR	1.3810	1.3390	1.3430	1.3370	1.3370	1.3410
512	FR	2.7620	2.9900	2.9900	2.9900	3.0100	3.0300
513	SI	0.	0.7000	0.7000	0.7000	0.7000	0.7000
514	FR	110.0300	110.1000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	0.9000	0.9000	0.7000	0.7000	0.7000
516	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
517	SI	0.	0.	0.	0.	0.	0.
518	FR	155.[illegible]	154.7000	154.6000	154.5000	154.5000	154.5000
519	SI	0.	8.9000	9.1000	9.3000	9.5000	9.3000
520	FR	311.1000	312.9000	313.1000	313.3000	313.5000	313.3000
521	SGP	110.0000	111.1000	110.9000	110.9000	110.9000	110.9000
522	SGP	121.0000	127.5000	127.5000	127.5000	127.5000	127.3000
523	SGP	155.5600	155.3000	155.1000	155.3000	155.3000	156.1000
524	SGP	311.1000	312.9000	313.1000	313.7000	313.5000	313.3000
525	SGP	0.0200	0.0201	0.0201	0.0200	0.0200	0.0201
526	FR	110.0000	110.3000	110.1000	110.3000	110.3000	110.2000
527	FR	121.0000	125.9000	125.9000	125.9000	125.9000	126.1000
528	FR	155.5600	154.5000	154.5000	154.3000	154.1000	154.4000
529	FR	311.1000	312.9000	313.1000	313.1000	313.3000	313.4000
601	FR	0.6140	0.7070	0.7110	0.7090	0.7090	0.7090
602	SGI	1.1060	1.1090	1.1090	1.1070	1.1070	1.1070
603	SGI	9.0090	9.0034	9.0036	9.0037	9.0038	9.0038
604	FR	0.6140	0.7090	0.7090	0.7090	0.7090	0.7090
605	FR	0.8682	0.9510	0.9490	0.9530	0.9530	0.9490
606	FS	1.7360	2.3100	2.3300	2.3700	2.3900	2.3500
607	FR	110.0000	110.4000	110.3000	110.3000	110.3000	110.3000
608	FR	121.0000	126.1000	126.1000	126.1000	126.1000	126.1000
609	FR	155.5600	154.3000	154.3000	154.4000	154.1000	154.1000
610	FR	311.1000	313.2000	313.4000	313.4000	313.5000	313.7000
611	SGP	110.0000	112.1000	112.1000	112.1000	112.1000	112.1000
612	SGP	121.0000	130.1000	130.1000	130.1000	130.1000	130.1000
613	SGP	1.0000	1.0003	1.0002	1.0002	1.0003	1.0003
614	FR	110.0000	110.2000	110.3000	110.3000	110.3000	110.1000
615	FR	121.0000	125.9000	126.1000	126.1000	126.1000	126.1000
616	FR	155.5600	154.5000	154.5000	153.9000	154.1000	154.3000
617	FR	311.1000	313.2000	313.6000	313.4000	313.5000	313.9000
701	FR	1.0000	0.9990	1.0050	0.9990	0.9980	1.0010
702	FR	2.0000	2.0110	2.0210	2.0090	2.0150	2.0150
801	FR	999.9960	999.9950	999.9960	999.9950	999.9950	999.9950
803	PGN	99.9999	99.9941	99.9941	99.9940	99.9940	99.9941
804	PGN	30.0000	30.6900	30.7100	30.7100	30.7300	30.7300
805	PGN	99.9999	99.9887	99.9886	99.9887	99.9886	99.9886
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9994	9.9995	9.9995	9.9994
809	FR	999.9960	999.9960	999.9950	999.9960	999.9950	999.9956

DATA SET 24

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.7980	7.7980	7.7990	7.7990	7.7980
102	STR	-7.5000	-7.4990	-7.4980	-7.4990	-7.4990	-7.4990
103	DC1	9.0000	8.9810	8.9760	8.9800	8.9820	8.9790
104	DA1	9.0000	8.9950	8.9950	8.9950	8.9950	8.9950
105	FR	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
106	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
107	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PS1	230.0000	236.7000	236.7000	236.7000	235.7000	236.7000
109	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.7000	1.1000	0.7000	1.1000	0.7000
111	FR	503.2100	499.6000	499.6000	499.7000	499.6000	499.7000
112	DA2	900.0000	894.3000	894.3000	894.1000	894.1000	894.1000
113	FR	503.2100	499.1000	499.9000	499.9000	499.9000	500.3000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8090	8.8090	8.8090	8.8080	8.8090
202	STR	9.0000	8.9890	8.9890	8.9990	9.9890	8.9870
203	FR	8.8198	8.8090	8.8090	8.8090	8.8090	8.8090
204	SI	0.	0.8870	0.8970	0.8960	0.8970	0.8970
205	FR	80.0500	80.5800	80.5700	80.5900	80.5900	80.5800
206	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
207	FR	819.9000	819.5090	819.8000	819.7000	819.8090	819.9000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0000	1000.0010	1000.0010	1000.0000	1000.0000
302	STR	900.0000	899.9990	899.9990	900.0000	899.9990	899.9990
303	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0090	0.0050	0.0050	0.0050	0.0050
401	FR	5.6280	5.6210	5.6230	5.6250	5.6200	5.6230
402	STR	7.0000	6.9930	6.9920	6.9920	6.9920	6.9920
403	FR	5.6280	5.6250	5.6240	5.6240	5.6250	5.6240
404	SI	0.	0.0070	0.0070	0.0070	0.0070	0.0070
405	FR	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4710	0.4710	0.4730	0.4720	0.4710
407	FR	7.9580	8.1050	8.1110	8.1090	8.1050	8.1030
408	SI	0.	0.9100	0.9500	0.9500	0.9500	0.9500
409	FR	15.9160	13.7700	13.7900	13.7900	13.7900	13.7900
410	SG1	9.0000	9.0190	9.0190	9.0190	9.0150	9.0190
411	SG1	0.0810	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.9000	0.8950	0.8950	0.8950	0.8950	0.8950
413	SG1	0.4000	0.3997	0.3997	0.3998	0.3996	0.3995
414	SG2	9.0000	9.0210	9.0210	9.0190	9.0200	9.0210
415	SGP	90.0000	90.3100	90.3300	90.3300	90.3300	90.3400
416	SGO	9.0000	8.9880	8.9880	8.9890	8.9890	8.9890
417	SGO	9.0000	9.0090	9.0090	9.0090	9.0090	9.0090
418	FR	5.6280	5.6250	5.6260	5.6220	5.6250	5.6280
500	SI	0.	0.0070	0.0050	0.0050	0.0050	0.0050
501	FR	0.9770	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1010	1.1030	1.1010	1.1020	1.1010
503	SG1	0.0200	0.0471	0.0450	0.0453	0.0422	0.0491
504	FR	0.9550	0.9670	0.9670	0.9670	0.9670	0.9660

DATA SET 24

505	FR	1.3810	1.3380	1.3370	1.3390	1.3390	1.3370
506	FR	2.7620	3.0100	3.0100	3.0300	3.0100	3.0300
507	SG1	1.2100	1.2630	1.2630	1.2630	1.2630	1.2630
508	SG1	1.5556	1.5290	1.5250	1.5250	1.5250	1.5190
509	SG1	3.1100	3.3300	3.3000	3.3100	3.3100	3.3300
510	FR	0.9550	0.9670	0.9670	0.9670	0.9670	0.9670
511	FR	1.3810	1.3380	1.3330	1.3350	1.3350	1.3350
512	FR	2.7620	3.0100	2.9900	2.9900	2.9900	2.9900
513	SI	0.	0.7000	0.7000	0.7000	0.7000	0.7000
514	ER	110.0300	110.1000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	0.7000	0.6000	0.7000	0.7000	0.7000
516	EP	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
517	SI	0.	0.	0.	0.	0.	0.
518	FR	155.5600	154.3000	154.2000	154.3000	154.3000	154.1000
519	SI	0.	9.9000	9.1000	9.1000	9.1000	9.1000
520	ER	311.1000	313.1000	313.3000	313.30,0	313.4000	313.3000
521	SGP	110.0000	110.9000	110.9000	110.9000	110.9000	111.1000
522	SGP	121.0000	127.5000	127.5000	127.5000	127.3000	127.5000
523	SGP	155.5600	154.9000	154.3000	154.0000	155.2000	154.9000
524	SGP	311.1000	313.5000	313.7000	313.7000	313.5000	313.8000
525	SGP	0.0200	0.0201	0.0201	0.0200	0.0201	0.0200
526	FR	110.0000	110.3000	110.3000	110.3000	110.3000	110.3000
527	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
528	EP	155.5600	154.5000	154.5000	154.5000	154.7000	154.5000
529	FR	311.1000	313.5000	313.5000	313.5000	313.6000	313.6000
601	EP	0.6140	0.7090	0.7030	0.7090	0.7030	0.7090
602	SG1	1.1000	1.1070	1.1070	1.1070	1.1070	1.1070
603	SG1	9.0000	9.0036	9.0038	9.0038	9.0039	9.0039
604	FR	0.6140	0.7090	0.7070	0.7070	0.7070	0.7070
605	FR	0.8682	0.9470	0.9460	0.9470	0.9480	0.9460
606	FR	1.7360	2.3300	2.3500	2.3500	2.3500	2.3500
607	EP	110.0000	110.4000	110.3000	110.3000	110.3000	110.3000
608	FR	121.0000	126.1000	126.1000	126.1000	126.1000	126.1000
609	EP	155.5600	154.1000	154.2000	154.1000	154.1000	154.1000
610	EP	311.1000	313.5000	313.7000	313.7000	313.8000	313.7000
611	SGP	110.0000	112.1000	112.1000	112.1000	112.1000	112.1000
612	SGP	121.0000	130.1000	130.1000	130.1000	130.1000	130.1000
613	SGP	1.0000	1.0003	1.0003	1.0003	1.0002	1.0002
614	EP	110.0000	110.1000	110.3000	110.3000	110.3000	110.1000
615	SP	121.0000	126.1000	126.1000	126.1000	126.1000	126.1000
616	FP	155.5600	154.5000	154.3000	154.3000	154.3000	154.5000
617	FR	311.1000	313.9000	313.9000	313.8000	313.6000	313.9000
701	FR	1.0000	0.9950	0.9995	0.9950	0.9980	1.0050
702	FR	2.0000	2.0110	2.0150	2.0130	2.0090	2.0100
801	ER	999.9960	999.9950	999.9960	999.9960	999.9850	999.9960
803	PGN	99.9990	99.9941	99.9942	99.9941	99.9941	99.9942
804	PGN	30.0000	30.5800	30.7700	30.7900	30.7100	30.7700
805	PGN	99.9999	99.9887	99.9887	99.9887	99.9887	99.9887
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9994	9.9995	9.9994
809	ER	999.9920	999.9980	999.9950	999.9950	999.9960	999.9950

DATA SET 25

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FP	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
102	STR	-7.5000	-7.5010	-7.5000	-7.5000	-7.5000	-7.5000
103	DC1	0.0000	8.9900	8.9790	8.9840	8.9820	8.9840
104	DA1	0.0000	8.9990	8.0050	8.9950	8.9950	8.0050
105	FR	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
106	SI	0.	-0.	0.1000	0.1000	0.1000	0.1000
107	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PSI	230.0000	236.8000	236.9000	236.9000	236.9000	236.9000
109	FP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.1000	0.3000	0.3000	0.1000	0.1000
111	FP	503.2100	499.9000	500.0000	499.9000	499.9000	499.9000
112	DA2	900.0000	894.9000	894.9000	894.9000	894.9000	894.9000
113	FR	3.2100	499.9000	499.9000	499.9000	499.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FP	8.8198	8.8110	8.8090	8.8070	8.8090	8.8050
202	STR	0.0000	8.9910	8.9860	8.9850	8.9870	8.9880
203	FP	8.8198	8.8110	8.8090	8.8050	8.8090	8.8090
204	SI	0.	0.8910	0.8950	0.8930	0.8890	0.8930
205	FP	80.0500	80.6100	80.6000	80.5700	80.6100	80.5900
206	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
207	FR	819.9000	819.0000	818.8000	818.8000	818.9000	819.0000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FP	999.9040	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	899.9990	900.0000	899.9990	900.0000	899.9990
303	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
401	FP	5.6280	5.6210	5.6210	5.6210	5.6240	5.6250
402	STR	7.0000	6.9930	6.9930	6.9930	6.9930	6.9930
403	FP	5.6280	5.6210	5.6230	5.6250	5.6190	5.6240
404	SI	0.	0.0090	0.0110	0.0110	0.0090	0.0090
405	FP	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4710	0.4690	0.4690	0.4690	0.4710
407	FP	7.0580	8.0780	8.0830	8.0980	8.0950	8.0960
408	SI	0.	0.9300	0.9100	0.9100	0.8900	0.9100
409	FP	15.0160	13.7900	13.7600	13.7500	13.7500	13.7700
410	SG1	9.0000	0.0190	0.0190	0.0190	0.0190	0.0190
411	SG1	0.0910	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.0000	0.8950	0.8950	0.8950	0.8950	0.8950
413	SG1	0.4000	0.3996	0.3996	0.3996	0.3996	0.3997
414	SG2	0.0000	0.0190	0.0210	0.0200	0.0210	0.0200
415	SGP	90.0000	90.3200	90.3500	90.3400	90.3300	90.3300
416	SGO	0.0000	8.9880	8.9880	8.9890	8.9850	8.9890
417	SGO	0.0000	0.0090	0.0090	0.0090	0.0090	0.0090
418	FP	5.6280	5.6230	5.6210	5.6190	5.6210	5.6230
500	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
501	FR	0.9770	0.9640	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1010	1.1010	1.1010	1.1010	1.1010
503	SG1	0.0200	0.0509	0.0517	0.0519	0.0501	0.0561
504	FR	0.9550	0.9650	0.9650	0.9650	0.9650	0.9650

DATA SET 25

505	FR	1.3810	1.3110	1.3230	1.3290	1.3270	1.3270
506	FR	2.7620	2.9900	3.0300	3.0100	2.9900	3.0100
507	SGI	1.2100	1.2610	1.2610	1.2590	1.2610	1.2610
508	SGI	1.5556	1.5210	1.5130	1.5230	1.5230	1.5190
509	SGI	3.1100	3.3300	3.3100	3.3100	3.3300	3.2900
510	FR	0.9550	0.9650	0.9650	0.9650	0.9650	0.9650
511	ER	1.3810	1.3110	1.3230	1.3230	1.3290	1.3290
512	ER	2.7620	3.0300	3.0100	3.0100	2.9900	3.0100
513	SI	0.	0.5000	0.5000	0.5000	0.5000	0.5000
514	ER	110.0300	110.1000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	0.9000	1.1000	0.9000	0.9000	0.9000
516	FR	121.0000	125.7000	125.7000	125.7000	125.7000	125.9000
517	SI	0.	0.	0.	0.	0.	0.
518	FR	155.5600	154.1000	154.3000	154.1000	154.4000	154.3000
519	SI	0.	9.1000	9.1000	9.1000	9.3000	9.1000
520	FR	311.1000	313.5000	313.4000	313.3000	313.6000	313.3000
521	SGP	110.0000	110.9000	110.9000	110.9000	110.9000	110.9000
522	SGP	121.0000	127.5000	127.5000	127.5000	127.5000	127.5000
523	SGP	155.5600	155.3000	155.1000	155.3000	155.3000	155.3000
524	SGP	311.1000	314.0000	313.9000	313.9000	313.6000	314.0000
525	SGP	0.0200	0.0201	0.0200	0.0200	0.0201	0.0200
526	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
527	FR	121.0000	125.7000	125.7000	125.9000	125.9000	125.9000
528	FR	155.5600	154.1000	154.3000	154.3000	154.5000	154.1000
529	FR	311.1000	313.3000	313.5000	313.3000	313.6000	313.3000
601	FR	0.6140	0.7070	0.7090	0.7090	0.7090	0.7090
602	SGI	1.1000	1.1040	1.1040	1.1040	1.1050	1.1050
603	SGI	9.0000	9.0034	9.0036	9.0036	9.0036	9.0040
604	FR	0.6140	0.7070	0.7090	0.7090	0.7090	0.7090
605	FR	0.9682	0.9390	0.9390	0.9430	0.9390	0.9470
606	FR	1.7360	2.3550	2.3900	2.4000	2.3700	2.3600
607	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.3000
608	FR	121.0000	125.9000	125.1000	125.9000	125.9000	126.1000
609	FR	155.5600	154.0000	153.9000	153.9000	154.3000	154.2000
610	FR	311.1000	313.7000	313.5000	313.7000	313.5000	313.9000
611	SGP	110.0000	112.1000	112.1000	112.1000	112.1000	112.1000
612	SGP	121.0000	129.9000	129.9000	129.9000	130.0000	129.9000
613	SGP	1.0000	1.0003	1.0003	1.0002	1.0002	1.0002
614	FR	110.0000	110.1000	110.1000	110.1000	110.1000	110.1000
615	FR	121.0000	125.9000	126.1000	125.9000	126.1000	125.9000
616	FR	155.5600	153.9000	154.5000	154.3000	154.3000	153.9000
617	FR	311.1000	313.7000	313.9000	313.9000	313.9000	313.9000
701	FR	1.0000	0.9810	0.9800	0.9850	0.9930	0.9870
702	FR	2.0000	2.0150	2.0135	2.0090	2.0230	2.0200
801	FR	999.9960	990.1230	992.6030	990.5150	998.5850	999.9960
803	PGN	99.9999	99.9941	99.9941	99.9941	99.9941	99.9941
804	PGN	30.0000	30.6930	30.6900	30.7100	30.7500	30.7000
805	PGN	99.9999	99.9887	99.9887	99.9886	99.9887	99.9887
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9994	9.9995	9.9995
809	FR	999.9960	999.9950	999.9950	999.9950	999.9960	999.9950

DATA SET 2A

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
102	STR	-7.5000	-7.5010	-7.5010	-7.5010	-7.5010	-7.5010
103	DC1	0.0000	0.0080	0.0170	0.0140	0.0090	0.0150
104	DA1	0.0000	8.9990	8.9990	8.9990	8.9990	8.9990
105	FR	7.8000	7.8040	7.8030	7.8040	7.8040	7.8030
106	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
107	FR	223.0000	223.1000	223.2000	223.2000	223.2000	223.2000
108	PS1	230.0000	236.4000	236.4000	236.4000	236.4000	236.4000
109	FR	223.0000	223.1000	223.2000	223.2000	223.2000	223.2000
110	SI	0.	0.3000	0.2000	0.2000	0.2000	0.2000
111	FR	503.2100	500.5000	500.3000	500.4000	500.6000	500.6000
112	DA2	900.0000	893.4000	893.4000	893.4000	893.4000	893.4000
113	FR	503.2100	500.5000	500.6000	500.4000	500.6000	500.6000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8330	8.8330	8.8340	8.8340	8.8320
202	STR	0.0000	0.0140	0.0150	0.0130	0.0140	0.0150
203	FR	8.8198	8.8330	8.8330	8.8330	8.8340	8.8340
204	SI	0.	0.8800	0.9000	0.9040	0.9080	0.9100
205	FR	80.0500	79.4300	79.4400	79.4300	79.4500	79.4300
206	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
207	FR	819.9000	817.7000	818.3000	817.9000	813.4000	818.6000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0010	1000.0010	1000.0000	1000.0010	1000.0010
302	STR	900.0000	900.0020	900.0010	900.0020	900.0020	900.0020
303	FR	999.9960	1000.0010	1000.0010	1000.0010	1000.0010	1000.0010
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FR	5.6280	5.6270	5.6330	5.6280	5.6270	5.6270
402	STR	7.0000	7.0030	7.0030	7.0030	7.0030	7.0030
403	FR	5.6280	5.6280	5.6270	5.6270	5.6300	5.6270
404	SI	0.	0.0280	0.0280	0.0280	0.0290	0.0290
405	FR	0.3170	0.3180	0.3180	0.3180	0.3180	0.3180
406	SI	0.	0.5450	0.5480	0.5450	0.5470	0.5490
407	FR	7.9580	8.1330	8.1290	8.1290	8.1390	8.1300
408	SI	0.	0.9700	0.9905	0.9900	0.9900	0.9900
409	FR	15.9160	13.2800	13.2900	13.2900	13.2900	13.2900
410	SG1	9.0000	9.1070	9.1090	9.1090	9.1070	9.1080
411	SG1	0.0810	0.0850	0.0850	0.0850	0.0850	0.0850
412	SG1	0.9000	0.9120	0.9120	0.9120	0.9120	0.9120
413	SG1	0.4000	0.3996	0.3996	0.3996	0.3996	0.3996
414	SG2	0.0000	9.0060	9.0070	9.0070	9.0060	9.0060
415	SGP	90.0000	91.1200	91.1400	91.1600	91.1300	91.1600
416	SGO	9.0000	8.9860	8.9880	8.9880	8.9850	8.9880
417	SGO	9.0000	9.0240	9.0230	9.0230	9.0240	9.0240
418	FR	5.6280	5.6330	5.6290	5.6290	5.6290	5.6290
500	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
501	FR	0.9770	0.9680	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1140	1.1140	1.1140	1.1140	1.1140
503	SG1	0.0200	0.0494	0.0481	0.0453	0.0452	0.0494
504	FR	0.9550	0.9390	0.9390	0.9390	0.9390	0.9390

DATA SET 26

505	EP	1.3810	1.3820	1.3850	1.3890	1.3840	1.3860
506	EP	2.7620	2.9400	2.9500	2.9500	2.9500	2.9500
507	SG1	1.2100	1.2450	1.2460	1.2440	1.2460	1.2460
508	SG1	1.5556	1.5910	1.5950	1.5860	1.5890	1.5950
509	SG1	3.1100	3.2600	3.2600	3.2600	3.2700	3.2600
510	EP	0.9550	0.9390	0.9390	0.9390	0.9390	0.9390
511	EP	1.3810	1.3890	1.3850	1.3880	1.3900	1.3850
512	EP	2.7620	2.9300	2.9500	2.9500	2.9500	2.9400
513	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	EP	110.0300	109.9000	109.9000	109.9000	109.9000	109.9000
515	SI	0.	2.8000	2.8000	2.8000	2.9000	2.8000
516	EP	121.0000	121.2000	121.2000	121.2000	121.2000	121.2000
517	SI	0.	0.3000	0.3000	0.3000	0.2000	0.2000
518	EP	155.5600	156.6000	156.5000	156.5000	156.5000	156.5000
519	SI	0.	9.6000	9.6000	9.6000	9.7000	9.7000
520	EP	311.1000	310.8000	310.8000	310.8000	310.9000	310.9000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.8000
522	SGP	121.0000	122.7000	122.7000	122.7000	122.7000	122.7000
523	SGP	155.5600	157.5000	157.4000	157.5000	157.4000	157.4000
524	SGP	311.1000	310.9000	311.0000	310.9000	311.0000	311.1000
525	SGP	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
526	EP	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
527	EP	121.0000	121.2000	121.1000	121.2000	121.2000	121.2000
528	EP	155.5600	156.5000	156.5000	156.5000	156.5000	156.5000
529	EP	311.1000	310.9000	310.9000	310.9000	310.9000	310.9000
601	EP	0.6140	0.6840	0.6830	0.6830	0.6830	0.6930
602	SG1	1.1000	1.1050	1.1060	1.1050	1.1050	1.1040
603	SG1	9.0000	9.0005	9.0005	9.0005	9.0007	9.0006
604	EP	0.6140	0.6830	0.6820	0.6820	0.6820	0.6820
605	EP	0.8682	0.9750	0.9760	1.0050	0.9850	0.9780
606	EP	1.7360	2.3050	2.3050	2.3000	2.2900	2.2900
607	EP	110.0000	110.0000	110.0000	110.0000	110.0000	110.1000
608	EP	121.0000	121.2000	121.2000	121.1000	121.2000	121.2000
609	EP	155.5600	156.4000	156.4000	156.4000	156.3000	156.4000
610	EP	311.1000	311.0000	311.0000	310.9000	311.0000	311.1000
611	SGP	110.0000	112.0000	112.0000	112.1000	112.0000	112.0000
612	SGP	121.0000	125.2000	125.2000	125.2000	125.2000	125.2000
613	SGP	1.0000	1.0007	1.0007	1.0008	1.0008	1.0007
614	EP	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
615	EP	121.0000	121.3000	121.2000	121.3000	121.3000	121.2000
616	EP	155.5600	156.4000	156.4000	156.4000	156.5000	156.4000
617	EP	311.1000	310.9000	311.0000	311.1000	311.1000	311.1000
701	EP	1.0000	1.0540	1.0610	1.0670	1.0980	1.0650
702	EP	2.0000	2.0550	2.0490	2.0650	2.1210	2.0640
801	EP	999.9960	999.9960	999.9960	999.9960	999.9950	999.9960
803	PGN	99.9999	99.9949	99.9949	99.9949	99.9949	99.9949
804	PGN	30.0000	30.2200	30.3000	30.2100	30.4922	30.1100
805	PGN	99.9999	99.9894	99.9895	99.9894	99.9895	99.9895
806	PGN	0.0050	0.0053	0.0053	0.0054	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9994	9.9995	9.9995
809	EP	999.9960	999.9960	999.9960	999.9960	999.9960	999.9960

DATA SET 25

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FP	7.7000	7.7000	7.7000	7.7000	7.7000	7.7000
102	STP	-7.5000	-7.4950	-7.4980	-7.4980	-7.4980	-7.4990
103	DC1	0.0000	0.0120	0.0130	0.0090	0.0120	0.0090
104	DA1	0.0000	8.9970	8.9970	8.9970	8.9940	8.9970
105	FP	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
106	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
107	FP	223.0000	222.9000	223.0000	222.9000	222.9000	223.0000
108	PSI	236.0000	236.3000	236.3000	236.3000	236.3000	236.3000
109	FP	223.0000	222.9000	223.0000	223.0000	223.0000	223.2000
110	SI	0.	0.4000	0.4000	0.5000	0.5000	0.3000
111	FP	503.2100	499.9000	500.2000	499.9000	499.9000	499.9000
112	DA2	900.0000	892.3000	892.7000	892.8000	892.8000	892.7000
113	FP	503.2100	500.3000	500.3000	500.6000	500.6000	500.6000
200	SI	0.	0.0050	0.0040	0.0040	0.0040	0.0040
201	FP	8.8198	8.8320	8.8280	8.8290	8.8300	8.8290
202	STP	0.0000	0.0120	0.0110	0.0120	0.0100	0.0130
203	FP	8.8198	8.8340	8.8290	8.8300	8.8300	8.8320
204	SI	0.	0.9130	0.9310	0.9260	0.9270	0.9200
205	FP	80.0500	79.4300	79.4300	79.4300	79.4300	79.4400
206	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
207	FP	819.0000	818.3000	819.6000	818.7000	818.9000	819.0000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FP	999.9960	1000.0010	1000.0000	1000.0000	1000.0000	1000.0000
302	STP	900.0000	900.0010	900.0020	900.0020	900.0020	900.0020
303	FP	999.9960	1000.0010	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0080	0.0050	0.0050	0.0040	0.0050
401	FP	5.6280	5.6270	5.6270	5.6290	5.6280	5.6230
402	STP	7.0000	7.0030	7.0020	7.0030	7.0020	7.0030
403	FP	5.6280	5.6290	5.6270	5.6290	5.6270	5.6260
404	SI	0.	0.0270	0.0280	0.0290	0.0290	0.0290
405	FP	0.3170	0.3190	0.3180	0.3180	0.3190	0.3180
406	SI	0.	0.5460	0.5510	0.5520	0.5510	0.5500
407	FP	7.9580	8.1250	8.1210	8.1200	8.1250	8.1220
408	SI	0.	0.9700	0.9900	0.9900	0.9900	0.9800
409	FP	15.9160	13.2600	13.2800	13.2800	13.2700	13.2800
410	SG1	0.0000	0.1090	0.1080	0.1080	0.1070	0.1080
411	SG1	0.0810	0.0850	0.0860	0.0850	0.0860	0.0850
412	SG1	0.0000	0.0120	0.0120	0.0120	0.0120	0.0120
413	SG1	0.4000	0.3995	0.3996	0.3996	0.3996	0.3996
414	SG2	0.0000	0.0070	0.0080	0.0040	0.0070	0.0070
415	SGP	90.0000	91.1200	91.1600	91.1600	91.1400	91.1400
416	SGO	0.0000	8.9880	8.9880	8.9870	8.9840	8.9870
417	SGO	0.0000	0.0280	0.0270	0.0260	0.0280	0.0270
418	FP	5.6280	5.6280	5.6280	5.6280	5.6280	5.6270
500	SI	0.	0.0050	0.0050	0.0050	0.0060	0.0050
501	FP	0.0770	0.9680	0.9685	0.9670	0.9670	0.9675
502	SG1	1.1000	1.1140	1.1170	1.1130	1.1140	1.1140
503	SG1	0.0200	0.0586	0.0731	0.0736	0.0680	0.0747
504	FP	0.0550	0.9390	0.9390	0.9390	0.9390	0.9380

DATA SET 28

505	FP	1.3810	1.3750	1.3780	1.3800	1.3790	1.3780
506	FP	2.7620	2.9200	2.9300	2.9300	2.9400	2.9300
507	SGI	1.2100	1.2480	1.2440	1.2420	1.2460	1.2470
508	SGI	1.5556	1.5890	1.5920	1.5910	1.5920	1.5890
509	SGI	3.1100	3.2500	3.2600	3.2500	3.2500	3.2550
510	FP	0.9570	0.9390	0.9390	0.9390	0.9390	0.9390
511	FP	1.3810	1.3840	1.3840	1.3790	1.3800	1.3840
512	FP	2.7620	2.9200	2.9200	2.9300	2.9300	2.9300
513	SI	0.	0.5000	0.5000	0.5000	0.6000	0.5000
514	FP	110.0300	109.9000	109.9000	109.9000	109.9000	109.9000
515	SI	0.	2.9000	2.8000	2.9000	2.9000	3.0000
516	FP	121.0000	121.2000	121.2000	121.2000	121.0000	121.1000
517	SI	0.	0.	0.1000	0.1000	0.	0.
518	FP	155.5600	156.5000	156.5000	156.0000	156.5000	156.5000
519	SI	0.	0.5000	0.5000	0.5000	0.5000	0.5000
520	FP	311.1000	310.5000	310.9000	312.8000	310.9000	310.9000
521	SGP	110.0000	110.7000	110.8000	110.7000	110.7000	110.7000
522	SGP	121.0000	122.6000	122.7000	122.6000	122.6000	122.6000
523	SGP	155.5600	157.1000	157.1000	157.1000	157.1000	157.0000
524	SGP	311.1000	310.9000	311.0000	311.0000	311.0000	311.0000
525	SGP	0.0200	0.0201	0.0201	0.0200	0.0200	0.0201
526	FP	110.0000	110.2000	110.2000	110.2000	110.0000	110.1000
527	FP	121.0000	121.2000	121.2000	121.0000	121.2000	121.1000
528	FP	155.5600	156.5000	156.5000	156.5000	156.5000	156.5000
529	FP	311.1000	310.5000	310.9000	310.9000	310.8000	310.8000
601	FP	0.6140	0.6940	0.6940	0.6970	0.6970	0.6950
602	SGI	1.1000	1.1090	1.1070	1.1060	1.1060	1.1045
603	SGI	9.0000	9.0006	9.0007	9.0011	9.0008	9.0008
604	FP	0.6140	0.6930	0.6910	0.6960	0.6940	0.6940
605	FP	0.2682	0.9850	0.9850	0.9910	0.9930	0.9950
606	FP	1.7360	2.3000	2.3100	2.3200	2.3100	2.3100
607	FP	110.0000	110.2000	110.2000	110.2000	110.2000	110.0000
608	FP	121.0000	121.2000	121.2000	121.2000	121.2000	121.3000
609	FP	155.5600	156.4000	156.2000	156.1000	156.2000	156.1000
610	FP	311.1000	310.9000	311.0000	311.0000	311.1000	310.9000
611	SGP	110.0000	112.2000	112.0000	112.0000	112.0000	112.0000
612	SGP	121.0000	125.2000	125.2000	125.2000	125.2000	125.1000
613	SGP	1.0000	1.0008	1.0007	1.0007	1.0010	1.0007
614	FP	110.0000	110.2000	110.2000	110.2000	110.0000	110.1000
615	FP	121.0000	121.3000	121.3000	121.2000	121.3000	121.3000
616	FP	155.5600	156.4000	156.3000	156.2000	156.2000	156.2000
617	FP	311.1000	311.1000	311.1000	311.0000	311.0000	311.1000
731	FP	1.0000	1.0260	1.0340	1.0150	1.0290	1.0240
732	FP	2.0000	2.0450	2.0340	2.0150	2.0210	2.0200
801	FP	999.9960	999.9950	999.9960	999.9960	999.9960	999.9950
803	PGN	99.9999	99.9951	99.9951	99.9951	99.9951	99.9952
804	PGN	30.0000	30.1500	30.1900	30.1900	30.1400	30.1300
805	PGN	99.9999	99.9897	99.9897	99.9896	99.9896	99.9897
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9995	9.9995	9.9995
810	FP	999.9960	999.9960	999.9960	999.9960	999.9960	999.9951

DATA SET 29

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
102	STR	-7.5000	-7.4980	-7.4990	-7.4990	-7.4980	-7.4990
103	DC1	9.0000	9.9990	9.0120	9.0120	9.0090	9.0140
104	DA1	9.0000	8.9980	8.9890	8.9970	8.9790	8.9970
105	FR	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
106	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
107	FR	223.0000	223.0000	223.0000	223.0000	222.9000	223.0000
108	PS1	230.0000	236.3000	236.3000	236.3000	235.3000	236.3000
109	FR	223.0000	223.2000	223.2000	223.0000	222.9000	223.0000
110	SI	0.	0.3000	0.5000	0.4000	0.5000	0.4000
111	FR	503.2100	499.9000	500.2000	500.2000	499.9000	500.2000
112	DA2	900.0000	892.7000	892.6000	892.4000	892.6000	892.3000
113	FR	503.2100	500.3000	500.4000	500.6000	500.3000	500.6000
200	SI	0.	0.0040	0.0050	0.0040	0.0040	0.0040
201	FR	8.8198	8.8290	8.8300	8.8290	8.8300	8.8300
202	STR	9.0000	9.0130	9.0130	9.0160	9.0130	9.0130
203	FR	8.8198	8.8290	8.8330	8.8330	8.8310	8.8320
204	SI	0.	0.9140	0.9290	0.9280	0.9170	0.9310
205	FR	80.0500	79.4700	79.4700	79.4700	79.4600	79.4700
206	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
207	FR	819.9000	818.8000	818.9000	819.0000	819.0000	818.8000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	900.0020	900.0010	900.0020	900.0020	900.0020
303	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0010
400	SI	0.	0.0040	0.0040	0.0050	0.0040	0.0050
401	FR	5.6280	5.6230	5.6270	5.6230	5.6260	5.6270
402	STR	7.0000	6.9990	6.9990	6.9990	6.9990	6.9990
403	FR	5.6280	5.6230	5.6270	5.6280	5.6330	5.6270
404	SI	0.	0.0290	0.0300	0.0300	0.0300	0.0300
405	FR	0.3170	0.3190	0.3180	0.3180	0.3180	0.3180
406	SI	0.	0.5520	0.5530	0.5530	0.5520	0.5530
407	FR	7.9580	8.1250	8.1290	8.1190	8.1210	8.1290
408	SI	0.	0.9000	0.9000	0.9000	0.9000	0.9000
409	FR	15.9160	13.3000	13.2900	13.2900	13.2900	13.2900
410	SG1	0.0000	0.1070	0.1070	0.1040	0.1060	0.1060
411	SG1	0.0810	0.0860	0.0840	0.0850	0.0860	0.0850
412	SG1	0.9000	0.9110	0.9120	0.9120	0.9110	0.9110
413	SG1	0.4000	0.3996	0.3995	0.3996	0.3997	0.3994
414	SG2	0.0000	0.0080	0.0060	0.0060	0.0060	0.0070
415	SGP	90.0000	91.1400	91.1400	91.1300	91.1300	91.1300
416	SGO	9.0000	8.9870	8.9870	8.9860	8.9840	8.9870
417	SGO	0.0000	0.0260	0.0260	0.0240	0.0230	0.0240
418	FR	5.6280	5.6270	5.6290	5.6270	5.6270	5.6330
500	SI	0.	0.0070	0.0050	0.0050	0.0050	0.0050
501	FR	0.9770	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1130	1.1160	1.1130	1.1130	1.1130
503	SG1	0.0200	0.0720	0.0682	0.0697	0.0695	0.0707
504	FR	0.9550	0.9380	0.9380	0.9380	0.9380	0.9380

DATA SET 27

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FP	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
102	STR	-7.5000	-7.4990	-7.4990	-7.4980	-7.4980	-7.4990
103	DC1	9.0000	9.0090	9.0090	9.0160	9.0120	9.0180
104	DA1	9.0000	8.9990	8.9990	8.9990	8.9990	8.9990
105	FP	7.6000	7.8030	7.8030	7.8030	7.8030	7.8030
106	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
107	FP	223.0000	223.0000	223.2000	223.0000	222.9000	223.0000
108	PS1	230.0000	236.3000	236.3000	236.3000	236.3000	236.3000
109	FP	223.0000	223.2000	223.0000	223.0000	223.0000	223.2000
110	SI	0.	0.3000	0.5000	0.5000	0.5000	0.4000
111	FP	503.2100	499.9000	499.9000	500.2000	499.9000	500.2000
112	DA2	900.0000	892.7000	892.9000	892.8000	892.6000	892.7000
113	FP	503.2100	500.3000	499.9000	500.6000	500.3000	500.6000
200	SI	0.	0.0050	0.0040	0.0040	0.0040	0.0040
201	FP	8.8198	8.8370	8.8320	8.8290	8.8300	8.8310
202	STP	9.0000	9.0180	9.0140	9.0160	9.0160	9.0170
203	FP	8.8198	8.8390	8.8330	8.8330	8.8330	8.8350
204	SI	0.	0.9030	0.9300	0.9410	0.9200	0.9300
205	FP	80.0500	79.4600	79.4300	79.4700	79.4700	79.4600
206	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
207	FP	819.9000	818.8000	818.8000	819.0000	818.9000	819.0000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STP	900.0000	900.0020	900.0020	900.0020	900.0020	900.0010
303	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0130	0.0050	0.0050	0.0070	0.0050
401	FP	5.5280	5.6230	5.6230	5.6260	5.6230	5.6270
402	STP	7.0000	7.0030	7.0030	7.0030	6.9990	7.0020
403	FP	5.5280	5.6290	5.6270	5.6270	5.6280	5.6260
404	SI	0.	0.0280	0.0280	0.0280	0.0270	0.0290
405	FP	0.3170	0.3190	0.3190	0.3180	0.3180	0.3180
406	SI	0.	0.5450	0.5530	0.5500	0.5470	0.5510
407	FP	7.9580	8.1310	8.1310	8.1310	8.1250	8.1190
408	SI	0.	0.9800	0.9900	0.9900	0.9900	0.9900
409	FP	15.9160	13.2500	13.2900	13.2800	13.2600	13.2900
410	SG1	9.0000	9.1070	9.1090	9.1070	9.1060	9.1080
411	SG1	0.0810	0.0850	0.0850	0.0850	0.0850	0.0850
412	SG1	0.9000	0.9120	0.9120	0.9120	0.9120	0.9120
413	SG1	0.4000	0.3995	0.3996	0.3996	0.3996	0.3996
414	SG2	9.0000	9.0050	9.0080	9.0060	9.0070	9.0060
415	SGP	90.0000	91.1090	91.1400	91.1400	91.1300	91.1300
416	SGO	9.0000	8.9890	8.9890	8.9890	8.9880	8.9870
417	SGO	9.0000	9.0260	9.0260	9.0260	9.0240	9.0260
418	FP	5.5280	5.4290	5.6330	5.6290	5.4290	5.4270
500	SI	0.	0.0090	0.0065	0.0050	0.0050	0.0050
501	FP	0.9770	0.9680	0.9670	0.9680	0.9680	0.9670
502	SG1	1.1000	1.1140	1.1140	1.1140	1.1130	1.1140
503	SG1	0.0200	0.0519	0.0550	0.0641	0.0632	0.0650
504	FP	0.9550	0.9400	0.9390	0.9390	0.9390	0.9390

DATA SET 26

505	ER	1.3810	1.3820	1.3850	1.3890	1.3840	1.3860
506	ER	2.7620	2.9400	2.9500	2.9500	2.9500	2.9500
507	SG1	1.2100	1.2450	1.2460	1.2440	1.2460	1.2460
508	SG1	1.5556	1.5910	1.5950	1.5860	1.5890	1.5950
509	SG1	3.1100	3.2600	3.2500	3.2500	3.2700	3.2600
510	ER	0.9550	0.9390	0.9390	0.9390	0.9390	0.9390
511	ER	1.3810	1.3890	1.3850	1.3880	1.3900	1.3850
512	ER	2.7620	2.9300	2.9500	2.9500	2.9500	2.9400
513	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	ER	110.0300	109.9000	109.9000	109.9000	109.9000	109.9000
515	SI	0.	2.8000	2.8000	2.8000	2.9000	2.8000
516	ER	121.0000	121.2000	121.2000	121.2000	121.2000	121.2000
517	SI	0.	0.3000	0.3000	0.3000	0.2000	0.2000
518	ER	155.5600	156.6000	156.5000	156.5000	156.5000	156.5000
519	SI	0.	9.6000	9.6000	9.6000	9.7000	9.7000
520	ER	311.1000	310.8000	310.8000	310.8000	310.9000	310.9000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.8000
522	SGP	121.0000	122.7000	122.7000	122.7000	122.7000	122.7000
523	SGP	155.5600	157.5000	157.4000	157.5000	157.4000	157.4000
524	SGP	311.1000	310.9000	311.0000	310.9000	311.0000	311.1000
525	SGP	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
526	ER	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
527	ER	121.0000	121.2000	121.1000	121.2000	121.2000	121.2000
528	ER	155.5600	156.5000	156.5000	156.5000	156.5000	156.5000
529	ER	311.1000	310.9000	310.9000	310.9000	310.9000	310.9000
601	ER	0.6140	0.6840	0.6830	0.6830	0.6830	0.6830
602	SG1	1.1000	1.1060	1.1060	1.1050	1.1050	1.1040
603	SG1	9.0000	9.0005	9.0005	9.0005	9.0007	9.0006
604	ER	0.6140	0.6830	0.6820	0.6820	0.6820	0.6820
605	ER	0.8682	0.9750	0.9750	1.0050	0.9850	0.9780
606	ER	1.7360	2.3000	2.3000	2.3000	2.2900	2.2900
607	ER	110.0000	110.0000	110.0000	110.0000	110.0000	110.1000
608	ER	121.0000	121.2000	121.2000	121.1000	121.2000	121.2000
609	ER	155.5600	156.4000	156.4000	156.4000	156.3000	156.4000
610	ER	311.1000	311.0000	311.0000	310.9000	311.0000	311.1000
611	SGP	110.0000	112.0000	112.0000	112.1000	112.0000	112.0000
612	SGP	121.0000	125.2000	125.2000	125.2000	125.2000	125.2000
613	SGP	1.0000	1.0007	1.0007	1.0008	1.0008	1.0007
614	ER	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
615	ER	121.0000	121.3000	121.2000	121.3000	121.2000	121.2000
616	ER	155.5600	156.4000	156.4000	156.4000	156.5000	156.4000
617	ER	311.1000	310.9000	311.0000	311.1000	311.1000	311.1000
701	ER	1.0000	1.0540	1.0610	1.0670	1.0980	1.0650
702	ER	2.0000	2.0550	2.0490	2.0650	2.1210	2.0640
801	ER	999.9960	999.9960	999.9960	999.9960	999.9950	999.9960
803	PGN	99.9999	99.9949	99.9949	99.9949	99.9949	99.9949
804	PGN	30.0000	30.2200	30.3000	30.2100	30.3922	30.1100
805	PGN	99.9999	99.9894	99.9895	99.9894	99.9895	99.9895
806	PGN	0.0050	0.0053	0.0053	0.0054	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9994	9.9995	9.9995
809	ER	999.9960	999.9960	999.9960	999.9960	999.9960	999.9960

DATA SET 29

505	FR	1.3810	1.3840	1.3820	1.3600	1.3820	1.3860
506	FR	2.7620	2.9400	2.9300	2.9400	2.9300	2.9400
507	SGI	1.2100	1.2460	1.2520	1.2460	1.2440	1.2440
508	SGI	1.5556	1.5850	1.5950	1.5890	1.5950	1.5890
509	SGI	3.1100	3.2700	3.2600	3.2800	3.2600	3.2500
510	FR	0.9550	0.9390	0.9390	0.9390	0.9390	0.9390
511	FR	1.3810	1.3840	1.3810	1.3840	1.3850	1.3810
512	FR	2.7620	2.9300	2.9300	2.9300	2.9300	2.9400
513	ST	0.	0.5000	0.6000	0.5000	0.5000	0.5000
514	FR	110.0300	109.9000	109.8000	109.9000	109.9000	109.9000
515	ST	0.	3.0000	3.0000	3.0000	3.0000	3.0000
516	FR	121.0000	121.0000	121.0000	121.0000	121.0000	121.0000
517	ST	0.	0.1000	0.1000	0.1000	0.1000	0.1000
518	FR	155.5600	156.5000	156.5000	156.4000	156.4000	156.5000
519	ST	0.	9.5000	9.5000	9.5000	9.5000	9.5000
520	FR	311.1000	310.9000	310.9000	310.9000	310.8000	310.9000
521	SGP	110.0000	110.8000	110.8000	110.7000	110.7000	110.8000
522	SGP	121.0000	122.6000	122.6000	122.7000	122.6000	122.7000
523	SGP	155.5600	157.2000	157.2000	157.1000	157.1000	157.2000
524	SGP	311.1000	311.0000	310.9000	311.0000	310.9000	310.9000
525	SGP	0.0200	0.0200	0.0201	0.0200	0.0200	0.0200
526	FR	110.0000	110.0000	110.2000	110.0000	110.2000	110.2000
527	FR	121.0000	121.0000	121.0000	121.0000	121.0000	121.0000
528	FR	155.5600	156.5000	156.5000	156.5000	156.5000	156.5000
529	FR	311.1000	310.9000	310.9000	310.9000	310.8000	310.9000
601	FR	0.6140	0.6960	0.6940	0.6940	0.6920	0.6890
602	SGI	1.1000	1.1040	1.1040	1.1030	1.1030	1.1040
603	SGI	9.0000	9.0008	9.0009	9.0011	9.0008	9.0010
604	FR	0.6140	0.6930	0.6920	0.6920	0.6890	0.6880
605	FR	0.8682	0.9910	0.9920	0.9920	0.9900	0.9810
606	FR	1.7350	2.3200	2.3100	2.3100	2.3100	2.3100
607	FR	110.0000	110.1000	110.2000	110.0000	110.2000	110.2000
608	FR	121.0000	121.2000	121.2000	121.2000	121.2000	121.3000
609	FR	155.5600	156.2000	156.2000	156.2000	156.3000	156.4000
610	FR	311.1000	311.1000	311.1000	311.1000	311.1000	311.0000
611	SGP	110.0900	112.0000	112.0000	112.0000	112.0000	112.1000
612	SGP	121.0000	125.2000	125.2000	125.2000	125.2000	125.2000
613	SGP	1.0000	1.0007	1.0007	1.0007	1.0007	1.0007
614	FR	110.0000	110.0000	110.0000	110.1000	110.0000	110.1000
615	FR	121.0000	121.2000	121.2000	121.2000	121.2000	121.3000
616	FR	155.5600	156.2000	156.5000	156.5000	156.4000	156.5000
617	FR	311.1000	311.0000	311.0000	311.0000	311.1000	311.0000
701	FR	1.0000	1.0300	1.0290	1.0300	1.0300	1.0310
702	FR	2.0000	2.0220	2.0250	2.0300	2.0190	2.0280
801	FR	999.9960	999.9950	999.9960	999.9950	999.9960	999.9960
803	PGN	99.9999	99.9951	99.9950	99.9950	99.9950	99.9951
804	PGN	30.1000	30.1500	30.2100	30.1000	30.2100	30.2000
805	PGN	99.9999	99.9897	99.9896	99.9896	99.9896	99.9896
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9995	9.9995	9.9994
850	FR	999.9960	999.9960	999.9950	999.9950	999.9960	999.9960

DATA SET 30

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
102	STP	-7.5000	-7.4980	-7.4980	-7.4980	-7.4980	-7.4980
103	DC1	0.0000	0.0110	0.0090	0.0120	0.0120	0.0100
104	DS1	9.0000	8.9960	8.9960	8.9980	8.9980	8.9970
105	FR	7.8000	7.8020	7.8020	7.8030	7.8030	7.8030
106	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
107	FR	223.0000	223.0000	223.0000	222.9000	223.0000	223.0000
108	DS1	230.0000	236.3000	236.3000	236.3000	236.3000	236.3000
109	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
110	SI	0.	0.5000	0.5000	0.4000	0.5000	0.4000
111	FR	503.2100	500.2000	499.9000	499.9000	500.2000	500.2000
112	DA2	900.0000	892.3000	892.7000	892.6000	892.4000	892.4000
113	FR	503.2100	500.4000	499.9000	500.3000	500.3000	500.4000
200	SI	0.	0.0040	0.0040	0.0040	0.0040	0.0050
201	FR	8.8100	8.8300	8.8320	8.8290	8.8290	8.8320
202	STP	0.0000	0.0140	0.0130	0.0130	0.0130	0.0130
203	FR	8.8100	8.8330	8.8330	8.8330	8.8300	8.8320
204	SI	0.	0.8980	0.9040	0.9000	0.9170	0.9140
205	FR	80.0500	79.4700	79.4700	79.4400	79.4600	79.4700
206	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
207	FR	818.9000	818.6000	818.6000	818.7000	818.8000	818.8000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	900.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STP	900.0000	900.0020	900.0010	900.0020	900.0020	900.0020
303	FR	999.9960	1000.0010	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0080	0.0050	0.0060	0.0050	0.0050
401	FR	5.6280	5.6270	5.6260	5.6270	5.6270	5.6260
402	STP	7.0000	7.0020	6.9990	6.9990	7.0000	7.0000
403	FR	5.6280	5.6270	5.6290	5.6290	5.6240	5.6270
404	SI	0.	0.0300	0.0270	0.0280	0.0280	0.0290
405	FR	0.3170	0.3180	0.3180	0.3180	0.3180	0.3180
406	SI	0.	0.5550	0.5530	0.5540	0.5510	0.5540
407	FR	7.9580	8.1280	8.1280	8.1210	8.1290	8.1200
408	SI	0.	0.9800	0.9900	0.9900	0.9800	0.9990
409	FR	15.9160	13.2900	13.2800	13.2900	13.2900	13.3000
410	SG1	0.0000	0.1040	0.1060	0.1040	0.1070	0.1060
411	SG1	0.0810	0.0860	0.0850	0.0850	0.0860	0.0840
412	SG1	0.0000	0.9110	0.9120	0.9120	0.9120	0.9120
413	SG1	0.4000	0.3996	0.3996	0.3996	0.3996	0.3996
414	SG2	0.0000	0.0060	0.0040	0.0060	0.0050	0.0070
415	SGP	90.0000	91.1200	91.1200	91.1300	91.1400	91.1400
416	SG0	0.0000	8.9870	8.9870	8.9880	8.9880	8.9880
417	SG0	0.0000	0.0240	0.0230	0.0230	0.0240	0.0240
418	FR	5.6280	5.6280	5.6330	5.6290	5.6290	5.6320
500	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0060
501	FR	0.9770	0.9670	0.9680	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1140	1.1140	1.1130	1.1140	1.1160
503	SG1	0.0200	0.0694	0.0715	0.0670	0.0655	0.0651
504	FR	0.9550	0.9390	0.9390	0.9390	0.9390	0.9390

DATA SET 30

505	FR	1.3810	1.3840	1.3850	1.3890	1.3810	1.3850
506	FR	2.7620	2.9300	2.9400	2.9400	2.9500	2.9500
507	SG1	1.2100	1.2470	1.2440	1.2460	1.2460	1.2480
508	SG1	1.5556	1.5890	1.5940	1.5950	1.5910	1.5890
509	SG1	3.1100	3.2500	3.2700	3.2600	3.2700	3.2500
510	FR	0.9550	0.9400	0.9390	0.9390	0.9400	0.9390
511	FR	1.3910	1.3870	1.3810	1.3840	1.3790	1.3890
512	FR	2.7620	2.9400	2.9305	2.9300	2.9600	2.9500
513	SI	0.	0.5000	0.5000	0.5000	0.5000	0.5000
514	FR	110.0300	109.9000	109.9000	109.9000	109.9000	109.9000
515	SI	0.	3.0000	2.8000	2.9000	2.9000	3.0000
516	FR	121.0000	121.1000	121.0000	121.2000	121.2000	121.2000
517	SI	0.	0.3000	0.2000	0.2000	0.3000	0.2000
518	FR	155.5600	156.8000	156.5000	156.5000	156.5000	156.5000
519	SI	0.	9.5000	9.5000	9.5000	9.6000	9.6000
520	FR	311.1000	310.9000	310.8000	310.5000	310.8000	310.9000
521	SGP	110.0000	110.7000	110.7000	110.8000	110.8000	110.8000
522	SGP	121.0000	122.6000	122.7000	122.6000	122.7000	122.7000
523	SGP	155.5600	157.2000	157.1000	157.1000	157.2000	157.4000
524	SGP	311.1000	310.9000	310.9000	310.9000	310.9000	310.8000
525	SGP	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
526	FR	110.0000	110.1000	110.2000	110.1000	110.2000	110.2000
527	FR	121.0000	121.2000	121.2000	121.2000	121.2000	121.2000
528	FR	155.5600	156.8000	156.5000	156.5000	156.5000	156.5000
529	FR	311.1000	310.8000	310.5000	310.6000	310.9000	310.8000
631	FR	0.6140	0.6910	0.6910	0.6900	0.6910	0.6900
632	SG1	1.1000	1.1050	1.1060	1.1040	1.1050	1.1040
633	SG1	9.0000	9.0006	9.0006	9.0008	9.0009	9.0008
634	FR	0.6140	0.6880	0.6890	0.6880	0.6890	0.6880
635	FR	0.8682	0.9890	0.9850	0.9850	0.9880	0.9880
636	FR	1.7380	2.3000	2.3100	2.3100	2.3100	2.3100
637	FR	110.0000	110.1000	110.2000	110.2000	110.2000	110.2000
638	FR	121.0000	121.2000	121.2000	121.2000	121.2000	121.2000
639	FR	155.5600	156.5000	156.4000	156.4000	156.4000	156.5000
610	FR	311.1000	311.5000	310.9000	311.0000	311.1000	311.0000
611	SGF	110.0000	112.1000	112.2000	112.0000	112.1000	112.1000
612	SGP	121.0000	125.2000	125.2000	125.3000	125.2000	125.3000
613	SGP	1.0000	1.0007	1.0007	1.0007	1.0008	1.0008
614	FR	110.0000	110.2000	110.1000	110.2000	110.1000	110.2000
615	FR	121.0000	121.2000	121.3000	121.3000	121.3000	121.2000
616	FR	155.5600	156.5000	156.5000	156.5000	156.5000	156.5000
617	FR	311.1000	311.0000	310.9000	311.0000	310.9000	310.9000
731	FR	1.0000	1.0280	1.0190	1.0220	1.0280	1.0330
732	FR	2.0000	2.0110	2.0220	2.0190	2.0210	2.0220
831	FR	999.9960	999.9960	999.9960	999.9960	999.9960	999.9950
833	PGN	99.9999	99.9949	99.9950	99.9950	99.9949	99.9949
834	PGN	30.0000	30.2800	30.0900	30.1000	30.2100	30.2100
835	PGN	99.9999	99.9895	99.9896	99.9896	99.9896	99.9895
836	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
837	PGN	10.0000	9.9995	9.9995	9.9995	9.9995	9.9995
838	FR	999.9960	999.9960	999.9960	999.9950	999.9960	999.9960

DATA SET 31

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
102	STR	-7.5000	-7.4980	-7.4980	-7.4980	-7.4980	-7.4980
103	DC1	9.0000	9.0110	9.0130	9.0080	9.0140	9.0180
104	DA1	9.0000	8.9970	8.9970	8.9980	8.9970	8.9970
105	EF	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
106	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
107	FP	223.0000	223.0000	223.0000	223.0000	223.0000	223.2000
108	PSI	230.0000	236.3000	236.3000	236.3000	236.3000	236.3000
109	FP	223.0000	223.0000	223.2000	223.0000	223.2000	223.2000
110	SI	0.	0.4000	0.5000	0.6000	0.4000	0.4000
111	FP	503.2100	500.2000	500.0000	499.9000	500.2000	500.2000
112	DA2	900.0000	892.6000	892.3000	892.3000	892.4000	892.6000
113	FP	503.2100	499.9000	500.3000	500.3000	499.9000	500.6000
200	SI	0.	0.0040	0.0040	0.0040	0.0040	0.0040
201	FR	8.8198	8.8270	8.8290	8.8290	8.8280	8.8290
202	STR	9.0000	9.0100	9.0140	9.0130	9.0130	9.0130
203	FR	8.8198	8.8330	8.8340	8.8230	8.8300	8.8290
204	SI	0.	0.0240	0.0140	0.0140	0.0240	0.0220
205	FP	80.0500	79.4700	79.4600	79.4400	79.4300	79.4700
206	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
207	FR	819.9000	818.7000	818.7000	817.9000	818.9000	818.7000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	900.0020	900.0020	900.0010	900.0020	900.0010
303	FR	999.9940	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0050	0.0040	0.0050	0.0050	0.0050
401	FR	5.6280	5.6240	5.6240	5.6270	5.6280	5.6270
402	STR	7.0000	7.0020	7.0020	7.0020	7.0020	7.0000
403	FR	5.6280	5.6270	5.6320	5.6280	5.6280	5.6300
404	SI	0.	0.0290	0.0290	0.0290	0.0290	0.0290
405	FR	0.3170	0.3180	0.3180	0.3180	0.3190	0.3180
406	SI	0.	0.5540	0.5530	0.5540	0.5550	0.5520
407	FR	7.9580	8.1250	8.1250	8.1280	8.1190	8.1290
408	SI	0.	0.9900	0.9900	0.9900	0.9900	0.9900
409	FR	15.9160	13.2900	13.2900	13.2900	13.2900	13.2900
410	SG1	9.0000	9.1060	9.1060	9.1040	9.1070	9.1070
411	SG1	0.0810	0.0860	0.0860	0.0860	0.0860	0.0860
412	SG1	0.9000	0.9120	0.9120	0.9120	0.9120	0.9120
413	SG1	0.4000	0.3996	0.3995	0.3995	0.3995	0.3995
414	SG2	0.0000	0.0070	0.0040	0.0040	0.0040	0.0050
415	FP	90.0000	91.1400	91.1300	91.1300	91.1400	91.1300
416	SG0	0.0000	8.9880	8.9880	8.9880	8.9880	8.9880
417	SG0	0.0000	0.0240	0.0240	0.0240	0.0240	0.0240
418	FR	5.6280	5.6320	5.6290	5.6290	5.6270	5.6275
500	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
501	FR	0.9770	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1140	1.1140	1.1140	1.1140	1.1140
503	SG1	0.0200	0.0658	0.0695	0.0699	0.0729	0.0691
504	FR	0.9550	0.9390	0.9390	0.9390	0.9390	0.9390

DATA SET 31

505	ER	1.3810	1.3840	1.3850	1.3890	1.3850	1.3820
506	ER	2.7620	2.9300	2.9400	2.9500	2.9500	2.9300
507	SG1	1.2100	1.2430	1.2520	1.2460	1.2450	1.2460
508	SG1	1.5556	1.5950	1.5910	1.5950	1.5950	1.5910
509	SG1	3.1100	3.2700	3.2500	3.2500	3.2800	3.2650
510	ER	0.9550	0.9380	0.9400	0.9390	0.9400	0.9390
511	ER	1.3810	1.3890	1.3910	1.3870	1.3825	1.3840
512	ER	2.7620	2.9400	2.9500	2.9400	2.9400	2.9500
513	SI	0.	0.6000	0.5000	0.4000	0.6000	0.5000
514	ER	110.0300	109.9000	109.9000	109.9000	110.0000	109.9000
515	SI	0.	2.9000	3.0000	2.9000	3.0000	3.0000
516	ER	121.0000	121.2000	121.2000	121.3000	121.0000	121.1000
517	SI	0.	0.3000	0.2000	0.2000	0.2000	0.3000
518	ER	155.5600	156.5000	156.5000	156.5000	156.5000	156.5000
519	SI	0.	9.6000	9.6000	9.6000	9.6000	9.6000
520	ER	311.1000	310.8000	310.9000	310.8000	310.9000	310.9000
521	SGP	110.0000	110.7000	110.7000	110.8000	110.7000	110.7000
522	SGP	121.0000	122.7000	122.7000	122.7000	122.6000	122.6000
523	SGP	155.5600	157.1000	157.5000	157.4000	157.3000	157.1000
524	SGP	311.1000	310.8000	310.9000	310.6000	310.9000	311.0000
525	SGP	0.0200	0.0201	0.0201	0.0200	0.0201	0.0200
526	ER	110.0000	110.1000	110.2000	110.0000	110.0000	110.2000
527	ER	121.0000	121.1000	121.2000	121.2000	121.2000	121.0000
528	ER	155.5600	156.5000	156.5000	156.5000	156.5000	156.5000
529	ER	311.1000	310.8000	310.8000	310.8000	310.8000	310.9000
601	ER	0.6140	0.6900	0.6900	0.6900	0.6900	0.6900
602	SG1	1.1000	1.1040	1.1050	1.1040	1.1040	1.1040
603	SG1	9.0000	9.0008	9.0008	9.0009	9.0009	9.0008
604	ER	0.6140	0.6880	0.6880	0.6880	0.6880	0.6880
605	ER	0.8682	0.9850	0.9850	0.9850	0.9820	0.9870
606	ER	1.7360	2.3100	2.2500	2.3000	2.3100	2.3000
607	ER	110.0000	110.2000	110.2000	110.2000	110.2000	110.2000
608	ER	121.0000	121.3000	121.1000	121.2000	121.3000	121.3000
609	ER	155.5600	156.4000	156.3000	156.4000	156.4000	156.4000
610	ER	311.1000	310.9000	310.9000	310.9000	311.0000	311.0000
611	SGP	110.0000	112.2000	112.2000	112.2000	112.0000	112.1000
612	SGP	121.0000	125.2000	125.2000	125.2000	125.2000	125.2000
613	SGP	1.0000	1.0007	1.0007	1.0007	1.0007	1.0007
614	ER	110.0000	110.2000	110.1000	110.2000	110.0000	110.1000
615	ER	121.0000	121.3000	121.2000	121.3000	121.3000	121.3000
616	ER	155.5600	156.5000	156.5000	156.5000	156.4000	156.4000
617	ER	311.1000	311.1000	311.0000	311.0000	310.9000	310.9000
701	ER	1.0000	1.0223	1.0360	1.0500	1.0310	1.0190
702	ER	2.0000	2.0140	2.0850	2.0750	2.0200	2.0140
801	ER	999.9960	999.9940	999.9960	999.9940	999.9960	999.9965
803	PGN	99.9999	99.9949	99.9950	99.9949	99.9950	99.9949
804	PGN	30.0000	30.1800	30.1900	30.1500	30.1000	30.2000
805	PGN	99.9999	99.9896	99.9895	99.9895	99.9895	99.9895
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0054	0.0055
807	PGN	10.0000	9.9995	9.9994	9.9994	9.9995	9.9995
809	ER	999.9960	999.9965	999.9965	999.9960	999.9960	999.9965

DATA SET 32

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FP	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
102	STR	-7.5000	-7.4940	-7.4940	-7.4980	-7.4980	-7.4960
103	DC1	0.0000	0.0090	0.0100	0.0180	0.0120	0.0160
104	DA1	0.0000	8.0050	8.9980	8.0000	8.0000	8.9970
105	FP	7.8000	7.8020	7.8030	7.8030	7.8030	7.8020
106	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
107	FP	223.0000	223.3000	223.2000	223.0000	223.0000	223.0000
108	PS1	230.0000	236.4000	236.4000	236.4000	236.4000	236.3000
109	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
110	SI	0.	0.4000	0.5000	0.5000	0.5000	0.4000
111	FP	503.2100	500.2000	500.0000	500.2000	500.2000	500.0000
112	DA2	900.0000	892.8000	892.9000	892.8000	892.6000	892.6000
113	FP	503.2100	499.9000	500.3000	500.2000	500.3000	500.3000
200	SI	0.	0.0040	0.0040	0.0040	0.0040	0.0040
201	FR	8.8198	8.8270	8.8330	8.8320	8.8270	8.8310
202	STR	0.0000	0.0080	0.0120	0.0180	0.0130	0.0140
203	FP	8.8198	8.8300	8.8340	8.8350	8.8300	8.8330
204	SI	0.	0.8830	0.9140	0.9240	0.9240	0.9030
205	FP	80.0500	79.3400	79.3900	79.4300	79.3900	79.3900
206	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
207	FP	819.9000	818.4000	818.8000	818.7000	818.9000	818.6000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FP	999.9960	1000.0010	1000.0010	1000.0000	1000.0000	1000.0000
302	STR	900.0000	900.0010	900.0020	900.0010	900.0020	900.0020
303	FP	999.9960	1000.0000	1000.0010	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0065	0.0040	0.0040	0.0050	0.0055
401	FP	5.6280	5.6290	5.6290	5.6290	5.6290	5.6280
402	STR	7.0000	7.0030	7.0030	7.0030	7.0030	7.0030
403	FP	5.6280	5.6330	5.6320	5.6320	5.6290	5.6290
404	SI	0.	0.0220	0.0240	0.0250	0.0240	0.0240
405	FP	0.3170	0.3180	0.3170	0.3180	0.3190	0.3180
406	SI	0.	0.5440	0.5430	0.5520	0.5510	0.5470
407	FP	7.9580	8.1290	8.1200	8.1240	8.1230	8.1190
408	SI	0.	0.9700	0.9900	0.9900	0.9900	0.9900
409	FP	15.9160	13.2500	13.2700	13.2900	13.2600	13.2900
410	SG1	0.0000	9.1000	9.1000	9.1000	9.1000	9.1000
411	SG1	0.0810	0.0840	0.0840	0.0840	0.0850	0.0850
412	SG1	0.9000	0.9130	0.9130	0.9120	0.9120	0.9120
413	SG1	0.4000	0.3996	0.3996	0.3996	0.3996	0.3996
414	SG2	0.0000	9.0090	9.0090	9.0090	9.0080	9.0080
415	SGP	90.0000	91.1600	91.1400	91.1600	91.1500	91.1300
416	SG0	9.0000	8.9890	8.9890	8.9920	8.9890	8.9880
417	SG0	9.0000	9.0290	9.0290	9.0290	9.0280	9.0260
418	FR	5.6280	5.6360	5.6370	5.6330	5.6290	5.6330
500	SI	0.	0.0080	0.0060	0.0050	0.0050	0.0070
501	FR	0.9770	0.9680	0.9680	0.9580	0.9680	0.9580
502	SG1	1.1000	1.1150	1.1160	1.1160	1.1140	1.1140
503	SG1	0.0200	0.0669	0.0557	0.0732	0.0711	0.0741
504	FR	0.9550	0.9420	0.9410	0.9400	0.9400	0.9390

DATA SET 32

505	EP	1.3810	1.3870	1.3810	1.3780	1.3850	1.3890
506	EP	2.7420	2.9300	2.9400	2.9400	2.9300	2.9500
507	SG1	1.2100	1.2480	1.2470	1.2470	1.2470	1.2440
508	SG1	1.5556	1.5920	1.5910	1.5900	1.5890	1.5850
509	SG1	3.1100	3.2300	3.2500	3.2500	3.2600	3.2600
510	EP	0.9550	0.9420	0.9410	0.9410	0.9400	0.9400
511	EP	1.3810	1.3870	1.3810	1.3810	1.3820	1.3850
512	EP	2.7620	2.9300	2.9400	2.9300	2.9400	2.9400
513	SI	0.	0.5000	0.4000	0.5000	0.5000	0.5000
514	EP	110.0300	110.0000	110.0000	109.9000	109.9000	109.9000
515	SI	0.	2.3000	2.4000	2.6000	2.4000	2.6000
516	EP	121.0000	121.3000	121.3000	121.2000	121.2000	121.0000
517	SI	0.	0.3000	0.2000	0.2000	0.1000	0.1000
518	EP	155.5600	156.6000	156.5000	156.5000	156.4000	156.5000
519	SI	0.	9.5000	9.6000	9.5000	9.5000	9.6000
520	EP	311.1000	310.5000	310.5000	310.5000	310.8000	310.9000
521	SGP	110.0000	110.8000	110.7000	110.7000	110.5000	110.8000
522	SGP	121.0000	122.9000	122.7000	122.7000	122.7000	122.7000
523	SGP	155.5600	157.2000	157.1000	157.2000	157.1000	157.1000
524	SGP	311.1000	310.8000	310.6000	310.8000	310.9000	310.9000
525	SGP	0.0200	0.0200	0.0200	0.0201	0.0200	0.0200
526	EP	110.0000	110.2000	110.2000	110.2000	110.2000	110.2000
527	EP	121.0000	121.3000	121.3000	121.3000	121.2000	121.2000
528	EP	155.5600	156.5000	156.5000	156.5000	156.5000	156.5000
529	EP	311.1000	310.5000	310.5000	310.5000	310.5000	310.8000
601	EP	0.6140	0.7000	0.6980	0.6970	0.6960	0.6960
602	SG1	1.1000	1.1170	1.1140	1.1120	1.1090	1.1070
603	SG1	0.0000	0.0002	0.0005	0.0008	0.0008	0.0009
604	EP	0.6140	0.6980	0.6960	0.6950	0.6940	0.6930
605	EP	0.8482	0.9830	0.9820	0.9890	0.9880	0.9890
606	EP	1.7360	2.3000	2.3100	2.3000	2.3100	2.3100
607	EP	110.0000	110.2000	110.2000	110.2000	110.2000	110.2000
608	EP	121.0000	121.4000	121.3000	121.2000	121.3000	121.3000
609	EP	155.5600	156.3000	156.4000	156.3000	156.2000	156.4000
610	EP	311.1000	310.8000	310.9000	310.9000	310.9000	311.1000
611	SGP	110.0000	112.3000	112.1000	112.1000	112.1000	112.0000
612	SGP	121.0000	125.3000	125.3000	125.3000	125.2000	125.2000
613	SGP	1.0000	1.0008	1.0007	1.0007	1.0007	1.0008
614	EP	110.2000	110.2000	110.2000	110.2000	110.2000	110.2000
615	EP	121.4000	121.4000	121.4000	121.3000	121.2000	121.3000
616	EP	155.5000	156.4000	156.4000	156.5000	156.3000	156.4000
617	EP	311.1000	310.8000	310.9000	310.9000	311.0000	310.9000
731	EP	1.0000	1.0890	1.0690	1.0690	1.0895	1.0890
732	EP	2.0000	2.1050	2.0920	2.0750	2.1310	2.0985
801	EP	999.9960	999.9965	999.9965	999.9950	999.9950	999.9960
803	PGN	99.9999	99.9950	99.9950	99.9951	99.9951	99.9951
804	PGN	30.0000	30.1600	30.1900	30.1100	29.9[illegible]00	30.0500
805	PGN	99.9999	99.9896	99.9896	99.9896	99.9896	99.9896
806	PGN	0.0050	0.0054	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9995	9.9995	9.9995
809	EP	999.9960	999.9960	999.9960	999.9960	999.9960	999.9960

DATA SET 33

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FP	7.8000	7.8020	7.8020	7.8020	7.8030	7.8030
102	STP	-7.5000	-7.4990	-7.4990	-7.5000	-7.5000	-7.5010
103	DC1	9.0000	9.0180	9.0190	9.0150	9.0130	9.0090
104	DA1	9.0000	8.9990	8.9990	8.9990	8.9990	8.9990
105	FP	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
106	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
107	FP	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
108	PS1	236.6000	236.6000	236.6000	236.6000	236.4000	236.4000
109	FP	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
110	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
111	FP	503.2100	500.6000	500.3000	500.3000	500.3000	500.3000
112	DA2	900.0000	893.9000	893.3000	893.3000	893.3000	893.3000
113	FP	503.2100	500.3000	500.4000	500.3000	500.3000	500.3000
200	SI	0.	0.0040	0.0030	0.0040	0.0040	0.0040
201	FP	8.8198	8.8320	8.8340	8.8290	8.8290	8.8230
202	STP	9.0000	9.0120	9.0170	9.0090	9.0090	9.0060
203	FP	8.8198	8.8300	8.8330	8.8290	8.8290	8.8230
204	SI	0.	0.8870	0.9170	0.9330	0.9300	0.9230
205	FP	80.0500	79.3800	79.4200	79.4300	79.4400	79.4300
206	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
207	FP	818.9000	818.3000	818.8000	818.7000	818.9000	818.3000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0020
301	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STP	900.0000	900.0020	900.0020	900.0010	900.0020	900.0010
303	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0010
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FP	5.6280	5.6340	5.6320	5.6290	5.6280	5.6290
402	STP	7.0000	7.0030	7.0030	7.0030	7.0030	7.0030
403	FP	5.6280	5.6330	5.6330	5.6290	5.6320	5.6270
404	SI	0.	0.0220	0.0240	0.0250	0.0270	0.0280
405	FP	0.3170	0.3170	0.3170	0.3170	0.3180	0.3190
406	SI	0.	0.5530	0.5550	0.5520	0.5530	0.5510
407	FP	7.0500	8.1250	8.1310	8.1150	8.1190	8.1210
408	SI	0.	0.9600	0.9700	0.9800	0.9800	0.9900
409	FP	15.9160	13.2500	13.2800	13.2700	13.2800	13.2900
410	SG1	0.0000	0.1100	0.1080	0.1090	0.1090	0.1090
411	SG1	0.0810	0.0830	0.0830	0.0840	0.0840	0.0850
412	SG1	0.0000	0.0130	0.0120	0.0120	0.0120	0.0120
413	SG1	0.4000	0.3995	0.3996	0.3996	0.3996	0.3996
414	SG2	0.0000	0.0100	0.0090	0.0090	0.0090	0.0090
415	SGP	90.0000	91.1500	91.1400	91.1600	91.1800	91.1600
416	SG0	0.0000	0.9900	0.9890	0.9900	0.9890	0.9890
417	SG0	0.0000	0.0290	0.0270	0.0280	0.0290	0.0280
418	FP	5.6280	5.6340	5.6330	5.6290	5.6320	5.6290
500	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0040
501	FP	0.0770	0.0690	0.0685	0.0680	0.0670	0.0690
502	SG1	1.1000	1.1150	1.1150	1.1140	1.1140	1.1140
503	SG1	0.0200	0.0672	0.0661	0.0582	0.0634	0.0570
504	FP	0.0560	0.0420	0.0400	0.0390	0.0390	0.0390

DATA SET 33

505	FR	1.3810	1.3880	1.3810	1.3840	1.3880	1.3850
506	ER	2.7620	2.9300	2.9300	2.9400	2.9400	2.9500
507	SG1	1.2100	1.2470	1.2460	1.2460	1.2440	1.2460
508	SG1	1.5556	1.5880	1.5910	1.5950	1.5920	1.5870
509	SG1	3.1100	3.2500	3.2600	3.2600	3.2800	3.2700
510	FP	0.9350	0.9420	0.9400	0.9400	0.9400	0.9390
511	FP	1.3810	1.3880	1.3890	1.3810	1.3810	1.3820
512	FR	2.7620	2.9300	2.9400	2.9500	2.9500	2.9400
513	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	FR	110.0300	110.3000	110.0000	109.9000	109.9000	109.9000
515	SI	0.	2.2000	2.4000	2.6000	2.7000	2.8000
516	FP	121.0000	121.3000	121.2000	121.1000	121.0000	121.1000
517	SI	0.	0.3000	0.2000	0.1000	0.2000	0.2000
518	FR	155.5600	156.5000	156.5000	156.4000	156.5000	156.5000
519	SI	0.	9.4000	9.5000	9.6000	9.5000	9.6000
520	FP	311.1000	310.6000	310.8000	310.8000	310.9000	310.9000
521	SGP	110.0000	110.8000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	122.9000	122.6000	122.6000	122.6000	122.6000
523	SGP	155.5600	157.5000	157.4000	157.1000	157.1000	157.1000
524	SGP	311.1000	310.1000	310.8000	310.8000	310.9000	310.0000
525	SGP	0.0200	0.0200	0.0200	0.0200	0.0200	0.0201
526	FP	110.0000	110.1000	110.1000	110.0000	110.1000	110.0000
527	FP	121.0000	121.7000	121.2000	121.0000	121.2000	121.0000
528	FP	155.5600	157.5000	156.5000	156.5000	156.5000	156.5000
529	FP	311.1000	310.5000	310.8000	310.6000	310.5000	310.9000
531	FR	0.6140	0.6920	0.6900	0.6970	0.6870	0.6860
532	SG1	1.1000	1.1120	1.1110	1.1000	1.1070	1.1070
533	SG1	9.0000	9.0002	9.0010	9.0007	9.0005	9.0006
534	FP	0.6140	0.6920	0.6880	0.6870	0.6850	0.6840
535	FP	0.8682	0.9910	0.9810	0.9820	0.9750	0.9700
536	FP	1.7360	2.2900	2.3000	2.3000	2.2900	2.3100
537	FP	110.0000	110.1000	110.0000	110.0000	110.0000	110.0000
538	FP	121.0000	121.5000	121.3000	121.2000	121.3000	121.2000
539	FP	155.5600	157.0000	156.4000	156.3000	156.4000	156.3000
610	FP	311.1000	310.8000	311.0000	311.0000	311.1000	311.1000
611	SGP	110.0000	111.9000	112.0000	112.0000	112.0000	112.0000
612	SGP	121.0000	125.2000	125.3000	125.2000	125.2000	125.2000
613	SGP	1.0000	1.0012	1.0009	1.0007	1.0007	1.0007
614	FP	110.0000	110.0000	110.0000	110.1000	110.0000	110.0000
615	FP	121.0000	121.4000	121.2000	121.2000	121.2000	121.2000
616	FP	155.5600	156.9000	156.3000	156.1000	156.3000	156.2000
617	FP	311.1000	310.9000	310.9000	310.9000	311.0000	311.0000
701	FP	1.0000	1.0390	1.0200	1.0150	1.0150	1.0190
702	FP	2.0000	2.0190	2.0150	2.0020	1.9800	1.9920
801	FP	999.9960	999.9960	999.9960	999.9960	999.9960	999.9960
803	PGN	99.9000	99.9049	99.9950	99.9950	99.9950	99.9950
804	PGN	30.0000	30.2900	30.0900	30.1000	30.1800	30.2100
805	PGN	99.9000	99.9895	99.9896	99.9897	99.9895	99.9895
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9995	9.9995	9.9995
809	FP	999.9960	999.9960	999.9960	999.9960	999.9960	999.9960

DATA SET 34

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
102	STR	-7.5000	-7.5010	-7.5010	-7.5010	-7.5010	-7.5010
103	DC1	9.0000	9.0160	9.0220	9.0200	9.0140	9.0150
104	DA1	9.0000	8.9990	8.9990	8.9990	8.9990	8.9990
105	FR	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
106	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
107	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
108	PS1	230.0000	236.6000	236.4000	236.4000	236.4000	236.4000
109	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.0000
110	SI	0.	0.3000	0.3000	0.3000	0.2000	0.3000
111	FR	503.2100	500.6000	500.3000	500.6000	500.3000	500.6000
112	DA2	900.0000	893.4000	893.4000	893.4000	893.3000	893.4000
113	FR	503.2100	500.6000	500.3000	500.6000	500.3000	500.6000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8280	8.8270	8.8280	8.8270	8.8270
202	STR	9.0000	9.0100	9.0080	9.0090	9.0080	9.0070
203	FR	8.8198	8.8280	8.8290	8.8280	8.8280	8.8270
204	SI	0.	0.9090	0.9260	0.9200	0.9240	0.9170
205	FR	80.0500	79.4800	79.4800	79.4600	79.4400	79.4700
206	SI	0.	0.2000	0.2000	0.1000	0.2000	0.2000
207	FR	819.9000	818.6000	818.6000	818.4000	818.3000	818.4000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	995.0960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	900.0020	900.0020	900.0020	900.0020	900.0020
303	FR	995.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FR	5.6280	5.6280	5.6280	5.6270	5.6270	5.6270
402	STR	7.0000	7.0030	7.0030	7.0030	7.0030	7.0020
403	FR	5.6280	5.6280	5.6290	5.6270	5.6320	5.6270
404	SI	0.	0.0280	0.0290	0.0270	0.0280	0.0280
405	FR	0.3170	0.3180	0.3180	0.3180	0.3170	0.3180
406	SI	0.	0.5540	0.5540	0.5510	0.5510	0.5520
407	FR	7.9580	8.1280	8.1250	8.1210	8.1200	8.1260
408	SI	0.	0.9700	0.9400	0.9900	0.8900	0.9700
409	FR	15.9160	13.2600	13.2600	13.2900	13.2800	13.2900
410	SG1	9.0000	9.1070	9.1060	9.1040	9.1080	9.1080
411	SG1	0.0810	0.0850	0.0850	0.0840	0.0850	0.0850
412	SG1	0.9000	0.9120	0.9120	0.9120	0.9120	0.9120
413	SG1	0.4000	0.3996	0.3996	0.3996	0.3996	0.3996
414	SG2	9.0000	9.0080	9.0080	9.0070	9.0070	9.0070
415	SGP	90.0000	91.1600	91.1600	91.1700	91.1600	91.1600
416	SGO	9.0000	8.9880	8.9880	8.9880	8.9870	8.9870
417	SGO	9.0000	9.0260	9.0260	9.0270	9.0260	9.0260
418	FR	5.6280	5.6270	5.6270	5.6270	5.6270	5.6270
500	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
501	FR	0.9770	0.9680	0.9670	0.9670	0.9680	0.9670
502	SG1	1.1000	1.1140	1.1140	1.1140	1.1140	1.1140
503	SG1	0.0200	0.0628	0.0619	0.0671	0.0626	0.0712
504	FR	0.9550	0.9390	0.9390	0.9380	0.9390	0.9380

DATA SET 34

505	ER	1.3810	1.3890	1.3820	1.3840	1.3810	1.3900
506	ER	2.7620	2.9300	2.9400	2.9600	2.9500	2.9500
507	SGI	1.2100	1.2450	1.2440	1.2440	1.2440	1.2440
508	SGI	1.5556	1.5910	1.5950	1.5900	1.5890	1.5920
509	SGI	3.1100	3.2600	3.2600	3.2700	3.2800	3.2800
510	ER	0.9550	0.9380	0.9380	0.9390	0.9390	0.9390
511	ER	1.3810	1.3850	1.3890	1.3850	1.3820	1.3860
512	ER	2.7620	2.9500	2.9400	2.9500	2.9500	2.9500
513	ST	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	ER	110.0300	110.0000	109.9000	109.9000	110.0000	110.0000
515	ST	0.	2.8000	2.9000	2.6000	2.7000	2.6000
516	ER	121.0000	121.1000	121.2000	121.0000	121.0000	121.0000
517	ST	0.	0.2000	0.2000	0.1000	0.1000	0.1000
518	ER	155.5600	156.5000	156.5000	156.4000	156.5000	156.3000
519	ST	0.	9.6000	9.7000	9.7000	9.7000	9.7000
520	ER	311.1000	310.8000	310.9000	310.9000	310.9000	310.8000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	122.6000	122.7000	122.6000	122.6000	122.6000
523	SGP	155.5600	157.2000	157.4000	157.2000	157.2000	157.0000
524	SGP	311.1000	310.9000	310.9000	310.9000	311.1000	310.9000
525	SGP	0.0200	0.0200	0.0200	0.0201	0.0200	0.0201
526	ER	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
527	ER	121.0000	121.0000	121.0000	121.0000	121.1000	121.1000
528	ER	155.5600	156.5000	156.5000	156.5000	156.5000	156.4000
529	ER	311.1000	310.9000	310.9000	310.8000	310.9000	310.9000
601	ER	0.6140	0.6850	0.6840	0.6840	0.6840	0.6840
602	SGI	1.1000	1.1060	1.1040	1.1040	1.1040	1.1030
603	SGI	9.0000	9.0004	9.0005	9.0004	9.0005	9.0006
604	ER	0.6140	0.6830	0.6830	0.6830	0.6830	0.6830
605	ER	0.8682	0.9780	0.9750	0.9790	0.9780	0.9780
606	ER	1.7360	2.3000	2.3100	2.2900	2.3100	2.3150
607	ER	110.0000	110.0000	110.0000	110.0000	110.0000	110.1000
608	ER	121.0000	121.2000	121.3000	121.2000	121.0000	121.1000
609	ER	155.5600	156.4000	156.3000	156.2000	156.1000	155.9000
610	ER	311.1000	310.9000	311.0000	310.9000	311.1000	311.5000
611	SGP	110.0000	112.0000	112.0000	112.0000	112.1000	112.0000
612	SGP	121.0000	125.2000	125.2000	125.2000	125.2000	125.1500
613	SGP	1.0000	1.0007	1.0007	1.0007	1.0007	1.0007
614	ER	110.0000	110.0000	110.0000	110.0000	110.0000	110.1000
615	ER	121.0000	121.2000	121.2000	121.1000	121.1000	121.2000
616	ER	155.5600	156.4000	156.4000	156.2000	156.1000	155.9000
617	ER	311.1000	311.1000	311.1000	311.1000	311.1000	311.5000
701	ER	1.0000	1.0690	1.0800	1.0260	1.0440	1.0310
702	ER	2.0000	2.0899	2.1310	2.0310	2.0510	2.0400
801	ER	999.9960	999.9960	999.9945	999.9960	999.9960	999.9950
803	PGN	99.9999	99.9950	99.9950	99.9950	99.9950	99.9950
804	PGN	30.0000	29.9900	30.1600	30.1900	30.1800	30.1000
805	PGN	99.9999	99.9896	99.9895	99.9895	99.9896	99.9897
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9995	9.9995	9.9995
809	ER	999.9960	999.9960	999.9960	999.9960	999.9960	999.9960

DATA SET 35

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FP	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
102	STR	-7.5000	-7.5010	-7.5010	-7.5000	-7.5010	-7.5010
103	DC1	0.0000	0.0130	0.0180	0.0180	0.0190	0.0190
104	DA1	0.0000	8.9990	8.9990	8.9990	8.9990	8.9990
105	FP	7.8000	7.8030	7.8030	7.8040	7.8030	7.8030
106	SI	0.	0.2000	0.2000	0.1000	0.2000	0.2000
107	FP	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
108	PSI	230.0000	236.4749	236.4000	236.5000	236.4000	236.4000
109	FP	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
110	SI	0.	0.3000	0.2000	0.2000	0.2000	0.2000
111	FP	503.2100	500.3000	500.3000	500.4000	500.6000	500.3000
112	DA2	800.0000	893.4000	893.4000	893.4000	893.4000	893.3000
113	FP	503.2100	500.4000	500.6000	500.6000	500.6000	500.4000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FP	8.8198	8.8390	8.8290	8.8290	8.8310	8.8330
202	STR	0.0000	0.0210	0.0120	0.0140	0.0130	0.0160
203	FP	8.8198	8.8390	8.8290	8.8300	8.8310	8.8330
204	SI	0.	0.9040	0.9250	0.9130	0.9100	0.9020
205	FP	80.0000	79.4900	79.4700	79.4800	79.4400	79.4400
206	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
207	FP	819.9000	818.8000	818.7000	819.8000	818.8000	818.3000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FP	990.0060	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	900.0020	900.0020	900.0020	900.0020	900.0020
303	FP	990.0060	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FP	5.6280	5.6290	5.6280	5.6280	5.6240	5.6270
402	STR	7.0000	7.0030	7.0030	7.0030	7.0030	7.0030
403	FP	5.6280	5.6260	5.6290	5.6250	5.6240	5.6270
404	SI	0.	0.0270	0.0280	0.0280	0.0280	0.0280
405	FP	0.3170	0.3180	0.3180	0.3180	0.3180	0.3180
406	SI	0.	0.5520	0.5490	0.5520	0.5510	0.5510
407	FP	7.9590	8.1210	8.1190	8.1230	8.1190	8.1150
408	SI	0.	0.9500	0.9700	0.9700	0.9800	0.9700
409	FP	15.9160	13.2500	13.2700	13.2800	13.2800	13.2900
410	SG1	0.0000	0.1060	0.1065	0.1070	0.1090	0.1070
411	SG1	0.0810	0.0840	0.0840	0.0850	0.0850	0.0850
412	SG1	0.9000	0.9120	0.9123	0.9120	0.9120	0.9120
413	SG1	0.4000	0.3997	0.3996	0.3995	0.3996	0.3996
414	SG2	0.0000	0.0040	0.0040	0.0070	0.0060	0.0040
415	SGP	90.0000	91.1300	91.1600	91.1600	91.1400	91.1600
416	SGO	0.0000	8.9850	8.9890	8.9890	8.9800	8.9850
417	SGO	0.0000	0.0240	0.0240	0.0240	0.0250	0.0250
418	FP	5.6280	5.6290	5.6280	5.6290	5.6280	5.6250
500	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
501	FP	0.9770	0.9680	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1140	1.1140	1.1140	1.1140	1.1140
503	SG1	0.0200	0.0645	0.0643	0.0670	0.0598	0.0590
504	FP	0.9550	0.9380	0.9380	0.9390	0.9380	0.9370

DATA SET 35

505	FR	1.3910	1.3910	1.3900	1.3880	1.3800	1.3850
506	FR	2.7420	2.9300	2.9500	2.9400	2.9500	2.9500
507	SG1	1.2100	1.2440	1.2440	1.2440	1.2440	1.2440
508	SG1	1.5966	1.5930	1.5920	1.5880	1.5860	1.5890
509	SG1	3.1100	3.2400	3.2700	3.2500	3.2700	3.2600
510	FR	0.9550	0.9400	0.9390	0.9380	0.9380	0.9380
511	FR	1.3910	1.3860	1.3830	1.3840	1.3850	1.3840
512	FR	2.7420	2.9200	2.9400	2.9400	2.9300	2.9300
513	ST	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	FR	110.0300	110.0000	109.9000	109.9000	109.9000	109.9000
515	ST	0.	2.7000	2.8000	2.8000	2.9000	2.9000
516	FR	121.0000	121.2000	121.1000	121.0000	121.2000	121.0000
517	ST	0.	0.2000	0.1000	0.1000	0.	0.
518	FR	155.5600	156.5000	156.4000	154.2000	156.2000	156.2000
519	ST	0.	0.5000	0.7000	0.5000	0.5000	0.5000
520	FR	311.1000	310.5000	310.5000	310.8000	310.8000	310.8000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	122.6000	122.6000	122.6000	122.6000	122.6000
523	SGP	155.5600	157.1000	157.4000	157.1000	157.1000	157.1000
524	SGP	311.1000	310.5000	310.9000	311.0000	310.9000	310.9000
525	SGP	0.0200	0.0201	0.0200	0.0200	0.0200	0.0200
526	FR	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
527	FR	121.0000	121.2000	121.0000	121.2000	121.1000	121.0000
528	FR	155.5600	156.5000	156.5000	156.3000	156.3000	156.1000
529	FR	311.1000	310.5000	310.5000	310.9000	310.5000	310.5000
631	FR	0.6140	0.6840	0.6840	0.6840	0.6835	0.6820
632	SG1	1.1000	1.1040	1.1040	1.1030	1.1030	1.1030
633	SG1	0.0000	0.0010	0.0007	0.0007	0.0006	0.0006
634	FR	0.6140	0.6840	0.6830	0.6830	0.6825	0.6810
635	FR	0.8492	0.9810	0.9750	0.9740	0.9740	0.9710
636	FR	1.7360	2.2900	2.3100	2.2900	2.2900	2.3000
637	FR	110.0000	110.1000	110.0000	110.1000	110.2000	110.0000
638	FR	121.0000	121.2000	121.1000	121.2000	121.2000	121.0000
639	FR	155.5600	156.3000	156.2000	156.1000	156.1000	156.1000
610	FR	311.1000	310.9000	310.9000	310.9000	311.0000	310.9000
611	SGP	110.0000	112.1000	112.1000	112.2000	112.0000	112.0000
612	SGP	121.0000	125.2000	125.2000	125.2000	125.1000	125.2000
613	SGP	1.0000	1.0008	1.0008	1.0007	1.0007	1.0007
614	FR	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
615	FR	121.0000	121.3000	121.2000	121.2000	121.2000	121.0000
616	FR	155.5600	154.2000	156.1000	156.1000	156.1000	156.0000
617	FR	311.1000	311.0000	310.9000	311.1000	310.9000	310.9000
731	FR	1.0000	1.0250	1.0450	1.0390	1.0410	1.0360
732	FR	2.0000	2.0000	2.0000	2.0290	2.0210	2.0750
801	FR	999.9960	999.9960	999.6665	999.9960	999.9960	999.9960
803	PGN	99.9999	99.9950	99.9950	99.9950	99.9951	99.9951
804	PGN	30.0000	30.1800	30.2400	30.1100	30.4922	30.1400
805	PGN	99.9999	99.9895	99.9895	99.9895	99.9895	99.9897
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	0.9995	0.9995	0.9995	0.9995	0.9995
809	FR	999.9960	999.9960	999.9960	999.9960	999.9960	999.9960

DATA SET 36

130	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
131	FR	7.8200	7.8030	7.8030	7.8030	7.8030	7.8030
132	STR	-7.5000	-7.5010	-7.5010	-7.5010	-7.5010	-7.5010
133	DC1	0.0000	0.0170	0.0140	0.0190	0.0000	0.0200
134	DA1	0.0000	8.9990	8.9990	8.9990	8.9990	8.9990
135	FR	7.8000	7.8040	7.8030	7.8030	7.8030	7.8030
136	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
137	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
138	PSI	230.6000	236.4000	236.4000	236.3000	236.3000	236.3000
139	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
110	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
111	FR	503.2100	500.6000	500.6000	500.6000	500.6000	500.6000
112	DA2	900.0000	893.4000	893.3000	893.3000	893.3000	893.3000
113	FR	503.2100	500.6000	500.6000	500.3000	500.6000	500.6000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8340	8.8340	8.8360	8.8350	8.8340
202	STR	0.0000	0.0180	0.0190	0.0180	0.0180	0.0170
203	FR	8.8198	8.8350	8.8330	8.8360	8.8370	8.8330
204	SI	0.	0.8960	0.8960	0.8920	0.8980	0.8970
205	FR	80.0500	79.4500	79.4700	79.4700	79.4900	79.4800
206	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
207	FR	819.9000	818.7000	818.8000	818.8000	818.8000	819.7000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	900.0020	900.0020	900.0010	900.0020	900.0010
303	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FR	5.6280	5.6270	5.6300	5.6290	5.6230	5.6270
402	STR	7.0000	7.0030	7.0030	7.0030	7.0020	7.0020
403	FR	5.6280	5.6230	5.6260	5.6230	5.6270	5.6270
404	SI	0.	0.0280	0.0290	0.0290	0.0300	0.0310
405	FR	0.3170	0.3170	0.3180	0.3180	0.3180	0.3180
406	SI	0.	0.5490	0.5510	0.5490	0.5480	0.5470
407	FR	7.9580	8.1190	8.1200	8.1150	8.1210	8.1200
408	SI	0.	0.9700	0.9800	0.9600	0.9700	0.9750
409	FR	15.9160	13.2500	13.2500	13.2800	13.2800	13.2800
410	SG1	0.0000	0.1070	0.1070	0.1060	0.1070	0.1070
411	SG1	0.0810	0.0850	0.0850	0.0850	0.0850	0.0850
412	SG1	0.0000	0.0120	0.0120	0.0120	0.0120	0.0120
413	SG1	0.4000	0.3996	0.3996	0.3996	0.3996	0.3996
414	SG2	0.0000	0.0060	0.0040	0.0040	0.0050	0.0040
415	SGP	90.0000	91.1400	91.1300	91.1300	91.1300	91.1300
416	SGO	0.0000	0.9880	0.9840	0.9880	0.9850	0.9850
417	SGO	0.0000	0.0260	0.0260	0.0260	0.0240	0.0240
418	FR	5.6280	5.6260	5.6270	5.6280	5.6260	5.6270
500	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
501	FR	0.9770	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1140	1.1130	1.1130	1.1140	1.1130
503	SG1	0.0200	0.0641	0.0663	0.0645	0.0645	0.0623
504	FR	0.9580	0.9380	0.9370	0.9380	0.9370	0.9370

DATA SET 36

505	ER	1.3810	1.3790	1.3840	1.3810	1.3780	1.3810
506	ER	2.7620	2.9400	2.9300	2.9300	2.9300	2.9200
507	SG1	1.2100	1.2440	1.2440	1.2430	1.2440	1.2430
508	SG1	1.5556	1.5840	1.5900	1.5860	1.5910	1.5850
509	SG1	3.1100	3.2500	3.2500	3.2500	3.2600	3.2500
510	ER	0.9550	0.9380	0.9380	0.9380	0.9370	0.9370
511	ER	1.3810	1.3810	1.3810	1.3850	1.3780	1.3800
512	ER	2.7620	2.9400	2.9300	2.9400	2.9300	2.9200
513	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	ER	110.0300	109.9000	109.9000	109.9000	109.9000	109.9000
515	SI	0.	2.8000	2.8000	2.9000	3.0000	3.1000
516	ER	121.0000	121.1000	120.9000	121.2000	120.9000	120.8000
517	SI	0.	0.	0.	0.	0.	0.
518	ER	155.5600	156.1000	156.1000	156.1000	156.2000	156.1000
519	SI	0.	9.5000	9.5000	9.4000	9.5000	9.5000
520	ER	311.1000	310.8000	310.8000	310.5000	310.5000	310.9000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	122.6000	122.6000	122.6000	122.6000	122.6000
523	SGP	155.5600	157.1000	156.9000	157.1000	157.0000	156.8000
524	SGP	311.1000	310.9000	310.8000	310.9000	310.9000	310.9000
525	SGP	0.0200	0.0200	0.0201	0.0201	0.0201	0.0201
526	ER	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
527	ER	121.0000	121.1000	121.0000	121.0000	121.0000	121.0000
528	ER	155.5600	156.2000	156.2000	156.1000	156.1000	156.1000
529	ER	311.1000	310.8000	310.8000	310.5000	310.8000	310.8000
601	ER	0.6140	0.6820	0.6820	0.6820	0.6810	0.6800
602	SG1	1.1000	1.1020	1.1020	1.1020	1.1020	1.1000
603	SG1	9.0000	9.0006	9.0006	9.0007	9.0006	9.0006
604	ER	0.6140	0.6810	0.6800	0.6800	0.6800	0.6790
605	ER	0.8682	0.9750	0.9720	0.9710	0.9710	0.9710
606	ER	1.7360	2.3000	2.2900	2.2900	2.2800	2.2900
607	ER	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
608	ER	121.0000	121.2000	121.0000	121.1000	121.0000	121.2000
609	ER	155.5600	156.1000	156.1000	156.0000	155.9000	156.1000
610	ER	311.1000	310.9000	310.9000	310.9000	310.9000	310.9000
611	SGP	110.0000	112.0000	112.0000	112.0000	112.0000	112.0000
612	SGP	121.0000	125.0000	125.1000	125.0000	125.0000	125.1000
613	SGP	1.0000	1.0007	1.0007	1.0007	1.0007	1.0007
614	ER	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
615	ER	121.0000	121.2000	121.2000	121.0000	121.0000	121.0000
616	ER	155.5600	156.1000	156.0000	156.0000	156.0000	155.9000
617	ER	311.1000	311.0000	310.9000	310.9000	310.9000	310.9000
731	ER	1.0000	1.0550	1.0590	1.0530	1.0550	1.0540
732	ER	2.0000	2.0740	2.0790	2.0790	2.0790	2.0750
801	ER	999.9960	999.9950	999.9970	999.9960	999.9960	999.9960
803	PGN	99.9999	99.9951	99.9951	99.9952	99.9952	99.9952
804	PGN	30.0000	30.2100	30.1800	30.1200	30.0900	30.0900
805	PGN	99.9999	99.9896	99.9897	99.9897	99.9897	99.9897
806	PGN	0.0050	0.0053	0.0053	0.0054	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9995	9.9995	9.9995
809	ER	999.9960	999.9960	999.9960	999.9960	999.9960	999.9960

DATA SET 37

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
102	STR	-7.5000	-7.5010	-7.5010	-7.5010	-7.5010	-7.5010
103	DC1	9.0000	9.0150	9.0160	9.0190	9.0200	9.0240
104	DA1	8.9000	8.9990	8.9990	8.9990	8.9990	8.9990
105	FR	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
106	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
107	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
108	PS1	230.0000	236.3000	236.3000	236.3000	236.4000	236.4000
109	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
110	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
111	FR	503.2100	500.6000	500.6000	500.6000	500.6000	500.6000
112	DA2	900.0000	893.3000	893.3000	893.3000	893.3000	893.3000
113	FR	503.2100	500.3000	500.6000	500.3000	500.6000	500.6000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8100	8.8330	8.8340	8.8340	8.8370	8.8350
202	STR	9.0000	9.0160	0.0170	0.0170	0.0190	0.0190
203	FR	8.8100	8.8340	8.8330	8.8330	8.8360	8.8350
204	SI	0.	0.8970	0.8940	0.8940	0.8940	0.8900
205	FR	80.0500	79.4900	79.5000	79.4900	79.5000	79.4900
206	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
207	FR	818.0000	818.8000	818.7000	818.3000	818.3000	818.3000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	990.0000	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	900.0020	900.0020	900.0010	900.0020	900.0010
303	FR	990.0000	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FR	5.6280	5.6240	5.6270	5.6230	5.6190	5.6270
402	STR	7.0000	7.0020	7.0020	7.0020	7.0020	4.0000
403	FR	5.6280	5.6230	5.6230	5.6230	5.6230	5.6180
404	SI	0.	0.0310	0.0310	0.0310	0.0330	0.0330
405	FR	0.3170	0.3170	0.3180	0.3180	0.3180	0.3180
406	SI	0.	0.5460	0.5400	0.5400	0.5400	0.5400
407	FR	7.9580	8.1110	8.1110	8.1120	8.1140	8.1100
408	SI	0.	0.9400	0.9700	0.9700	0.9700	0.9700
409	FR	15.0160	13.2800	13.2500	13.2800	13.2500	13.2800
410	SG1	0.0000	0.1070	0.1040	0.1040	0.1060	0.1040
411	SG1	0.0810	0.0850	0.0850	0.0850	0.0860	0.0850
412	SG1	0.0000	0.0120	0.0120	0.0110	0.0100	0.0110
413	SG1	0.4000	0.3996	0.3996	0.3996	0.3996	0.3996
414	SG2	0.0000	0.0060	0.0060	0.0040	0.0030	0.0040
415	SGP	90.0000	91.1300	91.1300	91.1300	91.1300	91.1400
416	SGO	0.0000	8.9870	8.9840	8.9830	8.9840	8.9830
417	SGO	0.0000	0.0230	0.0240	0.0240	0.0240	0.0230
418	FR	5.6280	5.6230	5.6270	5.6240	5.6240	5.6240
500	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
501	FR	0.9770	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1130	1.1130	1.1130	1.1130	1.1130
503	SG1	0.0700	0.0626	0.0630	0.0576	0.0627	0.0605
504	FR	0.9550	0.9370	0.9370	0.9370	0.9390	0.9370

DATA SET 37

505	FP	1.3810	1.3810	1.3750	1.3820	1.3810	1.3840
506	FP	2.7620	2.9200	2.9300	2.9300	2.9400	2.9300
507	SG1	1.2100	1.2440	1.2430	1.2430	1.2430	1.2430
508	SG1	1.5556	1.5900	1.5890	1.5880	1.5890	1.5900
509	SG1	3.1100	3.2500	3.2700	3.2500	3.2900	3.2600
510	FP	0.9550	0.9370	0.9380	0.9370	0.9370	0.9370
511	FP	1.3810	1.3800	1.3750	1.3740	1.3840	1.3850
512	FP	2.7620	2.9300	2.9300	2.9400	2.9500	2.9500
513	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	FP	110.0300	109.9000	109.9000	109.9000	109.9000	109.8000
515	SI	0.	3.1000	3.1000	3.1000	3.4000	2.7000
516	FP	121.0000	120.8000	121.0000	120.9000	120.9000	121.0000
517	SI	0.	0.	0.	0.	0.	0.
518	FP	155.5400	156.1000	156.1000	156.1000	156.1000	156.1000
519	SI	0.	9.4000	9.4000	9.4000	9.4000	9.5000
520	FP	311.1000	310.9000	310.8000	310.5000	310.9000	311.1000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	122.4000	122.5000	122.5000	122.6000	122.6000
523	SGP	155.5600	155.9000	154.9000	157.0000	157.1000	154.9000
524	SGP	311.1000	310.9000	310.8000	310.9000	311.1000	311.1000
525	SGP	0.0200	0.0200	0.0201	0.0200	0.0200	0.0200
526	FP	110.0000	110.0000	110.0000	110.0000	109.9000	110.0000
527	FP	121.0000	121.0000	120.9000	121.0000	121.0000	120.8000
528	FP	155.5600	156.1000	156.0000	156.1000	156.1000	156.1000
529	FP	311.1000	310.5000	310.8000	310.9000	310.9000	310.9000
601	FP	0.6140	0.6800	0.6800	0.6800	0.6770	0.6740
602	SG1	1.1000	1.1000	1.1000	1.0990	1.0985	1.0980
603	SG1	0.0000	0.0006	0.0005	0.0007	0.0006	0.0007
604	FP	0.6140	0.6790	0.6780	0.6790	0.6760	0.6750
605	FP	0.8682	0.9730	0.9700	0.9710	0.9710	0.9660
606	FP	1.7340	2.2800	2.2800	2.2800	2.2800	2.2900
607	FP	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
608	FP	121.0000	121.0000	121.0000	120.9000	121.2000	121.2000
609	FP	155.5600	155.9000	155.9000	156.0000	156.0000	155.9000
610	FP	311.1000	310.9000	311.0000	310.9000	311.1000	310.9000
611	SGP	110.0000	112.0000	112.0000	112.0000	112.0000	112.0000
612	SGP	121.0000	125.0000	125.0000	125.0000	125.0000	124.0000
613	SGP	1.0000	1.0007	1.0007	1.0007	1.0008	1.0007
614	FP	110.0000	109.9000	110.0000	109.9000	109.9000	110.0000
615	FP	121.0000	121.3000	121.2000	121.0000	121.0000	121.0000
616	FP	155.5400	156.0000	156.0000	155.9000	155.4000	155.9000
617	FP	311.1000	310.9000	310.9000	310.9000	311.1000	311.0000
701	FP	1.0000	1.0480	1.0600	1.0220	1.0355	1.0300
702	FP	2.0000	2.0410	2.0690	2.0090	2.0390	2.0310
703	FP	999.9960	999.9945	999.9960	999.9960	999.9960	999.9945
803	PGN	99.9000	99.9952	99.9952	99.9953	99.9952	99.9952
804	PGN	30.0000	30.1400	30.4922	30.1100	30.1200	30.1400
805	PGN	99.9000	99.9897	99.9899	99.9898	99.9897	99.9898
806	PGN	0.0050	0.0053	0.0052	0.0054	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9996	9.9996	9.9995
810	FP	999.9960	999.9945	999.9960	999.9946	999.9950	999.9960

DATA SET 3A

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FP	7.8000	7.8030	7.8040	7.8030	7.8030	7.8030
102	STP	-7.5000	-7.5000	-7.5000	-7.5010	-7.5010	-7.5010
103	DC1	9.0000	9.0140	9.0170	9.0190	9.0190	9.0200
104	DA1	9.0000	8.9990	8.9990	8.9990	8.9990	8.9990
105	FP	7.8000	7.8030	7.8040	7.8030	7.8030	7.8030
106	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
107	FP	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
108	PSI	236.0000	236.4000	236.4000	236.3000	236.4000	236.4000
109	FP	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
110	SI	0.	0.2000	0.3000	0.2000	0.3000	0.3000
111	FP	503.2100	500.3000	500.6000	500.6000	500.6000	500.6000
112	DA2	900.0000	893.4000	893.4000	893.3000	893.3000	893.3000
113	FP	503.2100	500.6000	500.6000	500.6000	500.6000	500.6000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FP	8.8190	8.8350	8.8340	8.8340	8.8340	8.8350
202	STP	0.0000	0.0190	0.0190	0.0190	0.0190	0.0190
203	FP	8.8190	8.8380	8.8340	8.8330	8.8360	8.8380
204	SI	0.	0.0030	0.0030	0.0010	0.0000	0.0060
205	FP	80.0500	79.4000	79.4000	79.4000	79.5100	79.4700
206	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
207	FP	818.0000	818.0000	818.0000	818.1000	818.0000	818.0000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FP	999.9960	1000.0000	1000.0000	952.7840	1000.0000	1000.0000
302	STP	900.0000	900.0020	900.0020	900.0010	900.0010	900.0010
303	FP	999.9960	1000.0000	1000.0010	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FP	5.6280	5.6220	5.6270	5.6230	5.6260	5.6270
402	STP	7.0000	7.0000	7.0020	7.0020	7.0020	7.0020
403	FP	5.6280	5.6260	5.6270	5.6230	5.6260	5.6270
404	SI	0.	0.0240	0.0280	0.0300	0.0310	0.0330
405	FP	0.3170	0.3170	0.3170	0.3190	0.3170	0.3180
406	SI	0.	0.5540	0.5470	0.5490	0.5490	0.5490
407	FP	7.9580	8.1290	8.1210	8.1190	8.1190	8.1100
408	SI	0.	0.9400	0.9600	0.9600	0.9700	0.9700
409	FP	15.9160	13.2510	13.2500	13.2900	13.2900	13.2800
410	SG1	0.0000	0.1030	0.1080	0.1060	0.1060	0.1070
411	SG1	0.0810	0.0840	0.0850	0.0850	0.0850	0.0860
412	SG1	0.0000	0.0120	0.0120	0.0120	0.0120	0.0120
413	SG1	0.4000	0.3996	0.3996	0.3996	0.3996	0.3996
414	SG2	0.0000	0.0030	0.0040	0.0040	0.0030	0.0040
415	SGP	90.0000	91.1100	91.1300	91.1300	91.1300	91.1200
416	SGQ	0.0000	8.9830	8.9870	8.9870	8.9870	8.9860
417	SGO	0.0000	0.0230	0.0240	0.0240	0.0240	0.0240
418	FP	5.6280	5.6280	5.6270	5.6270	5.6230	5.6270
500	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
501	FP	0.9770	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1140	1.1140	1.11[illegible]	1.1140	1.1130
503	SG1	0.0200	0.0554	0.0585	0.0625	0.0616	0.0641
504	EP	0.9550	0.9390	0.9380	0.9370	0.9370	0.9370

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505	FR	1.3810	1.3860	1.3810	1.3850	1.3810	1.3840
506	FR	2.7620	2.9100	2.9300	2.9400	2.9400	2.9200
507	SGI	1.2100	1.2440	1.2440	1.2430	1.2420	1.2430
508	SGI	1.5556	1.5892	1.5820	1.5890	1.5890	1.5880
509	SGI	3.1100	3.2300	3.2500	3.2800	3.2600	3.2700
510	FR	0.9550	0.9380	0.9380	0.9370	0.9570	0.9370
511	FR	1.3810	1.3860	1.3780	1.3800	1.3840	1.3780
512	FR	2.7620	2.9200	2.9400	2.9400	2.9300	2.9400
513	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	FR	110.0300	110.0000	109.9000	109.9000	109.9000	109.9000
515	SI	0.	2.6000	2.9000	3.0000	3.1000	3.3000
516	FR	121.0000	121.0000	120.9000	120.8000	121.0000	120.9000
517	SI	0.	0.1000	0.	0.	0.	0.
518	FR	155.5600	156.5000	156.1000	156.1000	156.1000	156.1000
519	SI	0.	9.3000	9.4000	9.4000	9.4000	9.4000
520	FR	311.1000	310.3000	310.5000	310.9000	310.9000	310.9000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	122.7000	122.5000	122.6000	122.6000	122.6000
523	SGP	155.5600	157.3000	156.9000	156.9000	157.1000	157.1000
524	SGP	311.1000	310.5000	310.9000	311.1000	311.0000	311.1000
525	SGP	0.0200	0.0200	0.0200	0.0200	0.0201	0.0200
526	FR	110.0000	110.0000	110.0000	110.0000	109.9000	110.0000
527	FR	121.0000	121.0000	120.8000	121.0000	121.0000	120.9000
528	FR	155.5600	156.4000	156.2000	156.1000	156.1000	156.1000
529	FR	311.1000	310.2000	310.5000	310.5000	310.9000	310.9000
631	FR	0.6140	0.6820	0.6780	0.6770	0.6770	0.6770
632	SGI	1.1000	1.1020	1.1020	1.1000	1.1000	1.0990
633	SGI	9.0000	9.0003	9.0005	9.0006	9.0006	9.0007
634	FR	0.6140	0.6810	0.6770	0.6760	0.6760	0.6760
635	FR	0.8682	0.9810	0.9710	0.9730	0.9710	0.9730
636	FR	1.7350	2.2750	2.2400	2.2500	2.2700	2.2800
637	FR	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
638	FR	121.0000	121.0000	121.0000	121.0000	121.1000	121.1000
639	FR	155.5600	156.1000	156.1000	155.9000	155.9000	155.9000
610	FR	311.1000	310.5000	310.9000	310.9000	311.0000	311.1000
611	SGP	110.0000	112.0000	112.0000	112.0000	112.0000	112.0000
612	SGP	121.0000	124.9000	125.0000	125.0000	124.9000	125.0000
613	SGP	1.0000	1.0008	1.0007	1.0007	1.0007	1.0007
614	FR	110.0000	110.0000	110.0000	110.0000	110.0000	104.9000
615	FR	121.0000	120.9000	121.2000	121.0000	121.0000	121.2000
616	FR	155.5600	156.1000	155.9000	155.9000	155.9000	155.9000
617	FR	311.1000	310.9000	310.8000	310.9000	311.0000	310.9000
731	FR	1.0000	1.0530	1.0480	1.0380	1.0410	1.0390
732	FR	2.0000	2.0530	2.0430	2.0450	2.0510	2.0390
801	FR	999.9960	999.9960	999.9960	999.9950	999.9950	999.9940
803	PGN	99.9999	99.9952	99.9952	99.9952	99.9953	99.9953
804	PGN	30.0000	30.2000	30.4922	30.1100	30.1100	30.0900
805	PGN	99.9999	99.9898	99.9898	99.9899	99.9898	99.9898
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9995	9.9996	9.9995
809	FR	999.9960	999.9960	999.9950	999.9960	999.9960	999.9950

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100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.7000	7.8000	7.8020	7.8020	7.8030
102	STR	-7.5000	-7.4990	-7.4990	-7.4990	-7.5000	-7.5010
103	DC1	9.0000	9.0180	9.0180	9.0200	9.0180	9.0160
104	DA1	0.0000	8.9990	8.0000	8.0000	8.0990	8.0990
105	FR	7.8000	7.8020	7.8030	7.8030	7.8030	7.8030
106	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
107	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
108	PSI	230.0000	236.5000	236.7000	236.6000	236.5000	236.4000
109	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
110	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
111	FR	503.2100	501.0000	501.2000	500.9000	500.7010	500.7000
112	DA2	900.0000	893.3000	893.3000	893.4000	893.3000	893.3000
113	FR	503.2100	501.2000	501.3000	501.0000	500.7000	500.7000
200	SI	0.	0.0040	0.0040	0.0040	0.0040	0.0040
201	FR	8.8190	8.8200	8.8290	8.8290	8.8290	8.8300
202	STR	9.0000	9.0000	9.0120	9.0120	9.0120	9.0130
203	FR	8.8190	8.8200	8.8300	8.8320	8.8300	8.8340
204	SI	0.	0.8940	0.8970	0.8990	0.8920	0.8890
205	FR	80.0500	79.4400	79.4200	79.4300	79.4200	79.4800
206	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
207	FR	816.0000	816.9000	816.2000	816.8000	816.9000	817.6000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.0960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	900.0020	900.0010	900.0010	900.0020	900.0020
303	FR	999.0960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FR	5.6280	5.6190	5.6240	5.6270	5.6230	5.6280
402	STR	7.0000	7.0020	7.0030	7.0030	7.0030	7.0030
403	FR	5.6280	5.6240	5.6240	5.6280	5.6230	5.6240
404	SI	0.	0.0230	0.0250	0.0270	0.0270	0.0280
405	FR	0.3170	0.3170	0.3170	0.3170	0.3170	0.3170
406	SI	0.	0.5540	0.5540	0.5510	0.5500	0.5500
407	FR	7.0580	8.1090	8.1020	8.1180	8.1100	8.1210
408	SI	0.	0.9700	0.9800	0.9800	0.9800	0.9700
409	FR	15.9160	13.2300	13.2500	13.2600	13.2400	13.2600
410	SG1	0.0300	0.1090	0.1090	0.1090	0.1080	0.1090
411	SG1	0.0810	0.0840	0.0840	0.0840	0.0850	0.0850
412	SG1	0.9000	0.9120	0.9120	0.9120	0.9120	0.9120
413	SG1	0.4000	0.3995	0.3995	0.3995	0.3995	0.3995
414	SG2	0.0000	0.0060	0.0070	0.0065	0.0070	0.0070
415	SGP	90.0000	91.1900	91.1800	91.1900	91.1700	91.1400
416	SGO	0.0000	8.9830	8.0890	8.0890	8.0890	8.0890
417	SGO	0.0000	0.0230	0.0260	0.0280	0.0280	0.0240
418	FR	5.6280	5.6210	5.6230	5.6260	5.6260	5.6260
500	SI	0.	0.0060	0.0030	0.0030	0.0030	0.0030
501	FR	0.0770	0.0600	0.0680	0.0680	0.0680	0.0670
502	SG1	1.1000	1.1150	1.1150	1.1150	1.1140	1.1140
503	SG1	0.0200	0.0580	0.0584	0.0583	0.0517	0.0505
504	FR	0.0550	0.0400	0.0390	0.0390	0.0390	0.0390

DATA SET 39

535	FP	1.3810	1.3810	1.3780	1.3750	1.3750	1.3810
536	FP	2.7620	2.9300	2.9500	2.9500	2.9500	2.9500
537	SG1	1.2100	1.2470	1.2460	1.2440	1.2460	1.2450
538	SG1	1.5556	1.5910	1.5900	1.5920	1.5890	1.5850
539	SG1	3.1100	3.2500	3.2400	3.2500	3.2600	3.2600
510	FP	0.9550	0.9400	0.9400	0.9390	0.9390	0.9390
511	FP	1.3810	1.3810	1.3810	1.3760	1.3810	1.3650
512	FP	2.7620	2.9300	2.9400	2.9500	2.9300	2.9400
513	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	FP	110.0300	110.0000	110.0000	110.0000	110.0000	109.9000
515	SI	0.	2.4000	2.6000	2.7000	2.8000	2.8000
516	FP	121.0000	121.3000	121.1000	121.2000	121.2000	121.1000
517	SI	0.	0.2000	0.2000	0.	0.1000	0.
518	FP	155.5600	156.5000	156.4000	156.2000	156.3000	156.4000
519	SI	0.	9.4000	9.6000	9.6000	9.5000	9.5000
520	FP	311.1000	310.5000	310.9000	310.9000	310.8000	310.8000
521	SGP	110.0000	110.8000	110.9000	110.8000	110.8000	110.8000
522	SGP	121.0000	122.8000	122.8000	122.7000	122.7000	122.7000
523	SGP	155.5600	157.1000	157.2000	157.1000	157.2000	157.1000
524	SGP	311.1000	310.8000	311.0000	311.0000	311.0000	310.8000
525	SGP	0.0200	0.0200	0.0200	0.0200	0.0201	0.0200
526	FP	110.0000	110.1000	110.0000	110.0000	110.0000	110.0000
527	FP	121.0000	121.3000	121.2000	121.2000	121.2000	121.0000
528	FP	155.5600	156.5000	156.5000	156.5000	156.3000	156.4000
529	FP	311.1000	310.4000	310.9000	310.9000	310.9000	310.9000
531	FP	0.6140	0.6930	0.6920	0.6910	0.6900	0.6930
532	SG1	1.1000	1.1110	1.1005	1.1040	1.1070	1.1040
533	SG1	0.0000	0.0999	0.0003	0.0005	0.0004	0.0005
534	FP	0.6140	0.6930	0.6910	0.6900	0.6890	0.6820
535	FP	0.8582	0.9840	0.9800	0.9780	0.9800	0.9750
536	FP	1.7380	2.3000	2.3100	2.3000	2.9500	2.2930
537	FP	110.0000	110.1000	110.1000	110.0000	110.2000	110.0000
538	FP	121.0000	121.3000	121.3000	121.3000	121.2000	121.2000
539	FP	155.5600	156.3000	156.3000	156.1000	156.5000	156.1000
610	FP	311.1000	310.9000	310.9000	310.9000	310.9000	310.9000
611	SGP	110.0000	112.1000	112.1000	112.1000	112.0000	112.0000
612	SGP	121.0000	125.3000	125.3000	125.3000	125.0000	125.2000
613	SGP	1.0000	1.0007	1.0007	1.0007	1.0006	1.0006
614	FP	110.0000	110.1000	110.1000	110.1000	110.1000	110.0000
615	FP	121.0000	121.4000	121.2000	121.3000	121.3000	121.2000
616	FP	155.5600	156.2000	156.2000	156.1000	156.5000	156.2000
617	FP	311.1000	310.9000	310.9000	310.9000	310.8000	311.1000
731	FP	1.0000	1.0510	1.0460	1.0480	1.0460	1.0050
732	FP	2.0000	2.0430	2.0410	2.0450	2.0430	1.0750
801	FP	999.9960	999.9960	999.9960	999.9940	999.9960	999.9950
803	PGN	99.9000	99.9950	99.9950	99.9951	99.9949	99.9951
804	PGN	30.0000	30.1800	30.1800	30.1700	30.1600	30.1500
805	PGN	99.9000	99.9895	99.9895	99.9896	99.9895	99.9896
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0052	0.0053
807	PGN	10.0000	9.9994	9.9995	9.9995	9.9995	9.9995
809	FP	999.9960	999.9960	999.9960	999.9940	999.9960	999.9950

DATA SET 40

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
102	STR	-7.5000	-7.5000	-7.5000	-7.5000	-7.5000	-7.5000
103	DC1	9.0000	9.0180	9.0180	9.0180	9.0130	9.0190
104	DA1	9.0000	8.9990	8.9990	8.9990	8.9990	8.9990
105	FR	7.8000	7.8030	7.8030	7.8040	7.8040	7.8040
106	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
107	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
108	PS1	236.0000	236.4000	236.4000	236.4000	236.4000	236.4000
109	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
110	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
111	FR	503.2100	500.7000	500.6000	500.7000	500.6000	500.6000
112	DA2	900.0000	893.4000	893.3000	893.3000	893.3000	893.3000
113	FR	503.2100	500.7000	500.7000	500.7000	500.7000	500.7000
200	SI	0.	0.0040	0.0040	0.0040	0.0040	0.0040
201	FR	8.8198	8.8320	8.8290	8.8320	8.8330	8.8320
202	STR	9.0000	9.0140	9.0150	9.0180	9.0160	9.0170
203	FR	8.8198	8.8290	8.8300	8.8330	8.8300	8.8290
204	SI	0.	0.9040	0.9030	0.9050	0.8950	0.9010
205	FR	80.0500	79.4800	79.4700	79.5000	79.4800	79.5000
206	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
207	FR	819.9000	818.2000	816.8000	817.9000	818.2000	817.7000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	900.0060	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	900.0020	900.0020	900.0010	900.0020	900.0020
303	FR	900.0060	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FR	5.6280	5.6230	5.6260	5.6270	5.6260	5.6270
402	STR	7.0000	7.0030	7.0030	7.0060	7.0030	7.0030
403	FR	5.6280	5.6260	5.6270	5.6240	5.6260	5.6270
404	SI	0.	0.0290	0.0300	0.0300	0.0290	0.0290
405	FR	0.3170	0.3180	0.3180	0.3170	0.3180	0.3180
406	SI	0.	0.5520	0.5510	0.5510	0.5510	0.5510
407	FR	7.9580	8.1100	8.1190	8.1210	8.1090	8.1090
408	SI	0.	0.9800	0.9800	0.9800	0.9700	0.9800
409	FR	15.9160	13.2800	13.2900	13.2800	13.2500	13.2600
410	SG1	9.0000	9.1090	9.1090	9.1090	9.1040	9.1060
411	SG1	0.0810	0.0850	0.0850	0.0850	0.0850	0.0850
412	SG1	0.9000	0.9120	0.9120	0.9120	0.9120	0.9120
413	SG1	0.4000	0.3996	0.3995	0.3995	0.3998	0.3996
414	SG2	9.0000	9.0070	9.0030	9.0100	9.0080	9.0080
415	SGP	90.0000	91.1600	91.1800	91.1900	91.1600	91.1700
416	SGG	9.0000	8.9860	8.9860	8.9870	8.9850	8.9870
417	SGO	9.0000	9.0270	9.0260	9.0300	9.0240	9.0260
418	FR	5.6260	5.6260	5.6270	5.6260	5.6240	5.6220
510	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
511	FR	0.9770	0.9670	0.9670	0.9670	0.9670	0.9675
512	SG1	1.1000	1.1140	1.1140	1.1160	1.1140	1.1140
513	SG1	0.0200	0.0564	0.0609	0.0610	0.0609	0.0561
514	FR	0.9550	0.9380	0.9380	0.9380	0.9380	0.9380

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505	FR	1.3810	1.3810	1.3850	1.3890	1.3850	1.3850
506	FR	2.7620	2.9500	2.9400	2.9400	2.9500	2.9400
507	SG1	1.2100	1.2450	1.2440	1.2450	1.2450	1.2460
508	SG1	1.5556	1.5810	1.5800	1.5890	1.5830	1.5830
509	SG1	3.1100	3.2700	3.2600	3.2700	3.2600	3.2800
510	FR	0.9550	0.9380	0.9380	0.9380	0.9380	0.9380
511	FR	1.3810	1.3840	1.3810	1.3790	1.3820	1.3780
512	FR	2.7620	2.9400	2.9500	2.9300	2.9400	2.9500
513	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	FR	110.0300	110.0000	110.0000	110.0000	110.0000	109.9000
515	SI	0.	2.9000	3.0000	2.9000	2.9000	2.9000
516	FR	121.0000	121.0000	121.0000	121.1000	121.1000	121.1000
517	SI	0.	0.	0.	0.	0.	0.
518	FR	155.5600	156.3000	156.4000	156.3000	156.3000	156.2000
519	SI	0.	9.5000	9.5000	9.5000	9.5000	9.5000
520	FR	311.1000	310.9000	310.9000	310.8000	310.9000	310.9000
521	SGP	110.0000	110.7000	110.8000	110.8000	110.8000	110.8000
522	SGP	121.0000	122.6000	122.7000	122.7000	122.7000	122.6000
523	SGP	155.5600	157.1000	157.1000	157.1000	157.1000	157.1000
524	SGP	311.1000	311.1000	311.1000	311.1000	311.0000	311.1000
525	SGP	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
526	FR	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
527	FR	121.0000	121.1000	121.2000	121.0000	121.0000	121.0000
528	FR	155.5600	156.4000	156.4000	156.3000	156.3000	156.3000
529	FR	311.1000	310.8000	311.0000	310.9000	310.8000	310.9000
601	FR	0.6140	0.6820	0.6810	0.6810	0.6800	0.6790
602	SG1	1.1000	1.1040	1.1040	1.1030	1.1030	1.1030
603	SG1	0.0000	0.0006	0.0006	0.0007	0.0006	0.0007
604	FR	0.6240	0.6800	0.6800	0.6770	0.6780	0.6780
605	FR	0.8682	0.9740	0.9730	0.9690	0.9690	0.9710
606	FR	1.7360	2.2800	2.2800	2.2900	2.2900	2.2800
607	FR	110.0000	110.2000	110.2000	110.1000	110.2000	110.1000
608	FR	121.0000	121.2000	121.0000	121.2000	121.2000	121.2000
609	FR	155.5600	156.2000	156.1000	156.1000	155.1000	156.2000
610	FR	311.1000	310.9000	310.9000	311.1000	311.0000	311.1000
611	SGP	110.0000	112.0000	112.0000	112.0000	112.0000	112.0000
612	SGP	121.0000	125.2000	125.1000	125.2000	125.2000	125.2000
613	SGP	1.0000	1.0007	1.0008	1.0007	1.0007	1.0007
614	FR	110.0000	110.0000	110.0000	110.0000	110.0000	110.2000
615	FR	121.0000	121.2000	121.2000	121.1000	121.4000	121.2000
616	FR	155.5600	156.2000	156.1000	156.1000	156.1000	156.1000
617	FR	311.1000	310.9000	311.0000	311.0000	311.1000	311.1000
731	FR	1.0000	1.0110	1.0150	1.0030	1.0090	1.0050
732	FR	2.0000	1.9750	1.9800	1.9710	1.9750	1.9690
801	FR	999.9960	999.9960	999.9960	999.9960	999.9960	999.9960
803	PGN	99.9999	99.9950	99.9951	99.9951	99.9951	99.9951
804	PGN	30.0000	30.1100	30.1300	30.1300	30.1500	30.1100
805	PGN	99.9999	99.9896	99.9896	99.9897	99.9897	99.9896
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9996	9.9995	9.9995
809	FR	999.9960	999.9960	999.9960	999.9960	999.9960	999.9950

DATA SET 41

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
102	STR	-7.5000	-7.5000	-7.5000	-7.5000	-7.5000	-7.5000
103	DC1	9.0000	9.0130	9.0090	9.0090	9.9990	9.0190
104	DA1	9.0000	8.9990	8.9990	8.9990	8.9990	8.9990
105	FR	7.8000	7.8040	7.8030	7.8030	7.8030	7.8030
106	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
107	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
108	PS1	230.0000	236.4000	236.4000	236.4000	236.4000	236.4000
109	FR	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
110	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
111	FR	503.2100	500.6000	500.6000	500.6000	500.6000	500.6000
112	DA2	900.0000	893.3000	893.3000	893.4000	893.3000	893.3000
113	FR	503.2100	500.7000	500.7000	500.7000	500.7000	500.7000
200	SI	0.	0.0040	0.0040	0.0040	0.0040	0.0040
201	FR	8.8198	8.8320	8.8330	8.8340	8.8310	8.8330
202	STR	9.0000	9.0160	9.0170	9.0180	9.0190	9.0180
203	FR	8.8198	8.8330	8.8330	8.8340	8.8330	8.8360
204	SI	0.	0.9060	0.9100	0.9070	0.9090	0.8990
205	FR	80.0500	79.4900	79.4900	79.5000	79.5300	79.5100
206	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
207	FR	818.9000	817.7000	818.1000	818.3000	818.6000	818.3000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	900.0020	900.0020	900.0020	900.0020	900.0020
303	FR	999.9960	1000.0000	1000.0000	1000.0010	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FR	5.6280	5.6230	5.6230	5.6220	5.6270	5.6270
402	STR	7.0000	7.0040	7.0020	7.0020	7.0020	7.0020
403	FR	5.6280	5.6320	5.6260	5.6240	5.6260	5.6220
404	SI	0.	0.0300	0.0300	0.0300	0.0290	0.0300
405	FR	0.3170	0.3170	0.3170	0.3170	0.3180	0.3170
406	SI	0.	0.5510	0.5510	0.5510	0.5510	0.5490
407	FR	7.9580	8.1050	8.1140	8.1090	8.1110	8.1110
408	SI	0.	0.9700	0.9700	0.9700	0.9700	0.9800
409	FR	15.9160	13.2500	13.2900	13.2500	13.2500	13.2500
410	SG1	9.0000	9.1070	9.1060	9.1040	9.1090	9.1070
411	SG1	0.0910	0.0850	0.0850	0.0850	0.0850	0.0850
412	SG1	0.9000	0.9120	0.9120	0.9120	0.9120	0.9120
413	SG1	0.4000	0.3996	0.3996	0.3996	0.3996	0.3994
414	SG2	0.0000	0.0060	0.0080	0.0080	0.0050	0.0090
415	SGP	90.0000	91.1600	91.1800	91.1800	91.1700	91.1800
416	SGO	0.0000	8.9870	8.9885	8.9870	8.9870	8.9870
417	SGO	0.0000	0.0270	0.0280	0.0240	0.0280	0.0280
418	FR	5.6280	5.6260	5.6240	5.6220	5.6270	5.6260
500	SI	0.	0.0040	0.0030	0.0030	0.0040	0.0030
501	FR	0.9770	0.9670	0.9670	0.9670	0.9670	0.9670
502	SG1	1.1000	1.1140	1.1140	1.1140	1.1140	1.1140
503	SG1	0.0200	0.0555	0.0542	0.0566	0.0591	0.0583
504	FR	0.9550	0.9330	0.9370	0.9370	0.9370	0.9360

DATA SET 41

505	ER	1.3810	1.3800	1.3810	1.3810	1.3890	1.3790
506	ER	2.7620	2.9500	2.9500	2.9300	2.9400	2.9400
507	SG1	1.2100	1.2450	1.2440	1.2440	1.2440	1.2440
508	SG1	1.5556	1.5900	1.5910	1.5890	1.5830	1.3910
509	SG1	3.1100	3.2600	3.2700	3.2500	3.2600	3.2500
510	ER	0.9550	0.9370	0.9380	0.9370	0.9390	0.9380
511	ER	1.3810	1.3810	1.3850	1.3850	1.3810	1.3860
512	ER	2.7620	2.9400	2.9500	2.9300	2.9500	2.9300
513	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	ER	110.0300	110.0000	110.0000	110.0000	110.0000	110.0000
515	SI	0.	3.0000	3.0000	3.0000	3.0000	3.0000
516	ER	121.0000	121.0000	121.0000	121.0000	121.0000	121.0000
517	SI	0.	0.	0.	0.	0.	0.
518	ER	155.5600	156.2000	156.1000	156.3000	156.3000	156.1000
519	SI	0.	9.5000	9.5000	9.5000	9.5000	9.4000
520	ER	311.1000	310.9000	310.8000	310.9000	310.9000	310.8000
521	SGP	110.0000	110.7000	110.8000	110.8000	110.7000	110.8000
522	SGP	121.0000	122.6000	122.7000	122.7000	122.6000	122.7000
523	SGP	155.5600	157.1000	157.1000	157.1000	157.1000	157.0000
524	SGP	311.1000	311.1000	311.0000	311.1000	311.0000	310.9000
525	SGP	0.0200	0.0200	0.0200	0.0200	0.0201	0.0201
526	ER	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
527	ER	121.0000	121.0000	121.0000	121.0000	121.1000	121.0000
528	ER	155.5600	156.2000	156.3000	156.2000	156.3000	156.3000
529	ER	311.1000	310.9000	310.9000	310.9000	310.9000	310.9000
601	ER	0.6140	0.6800	0.6790	0.6800	0.6780	0.6780
602	SG1	1.1000	1.1020	1.1020	1.1020	1.1020	1.1020
603	SG1	9.0000	9.0007	9.0006	9.0006	9.0006	9.0007
604	ER	0.6140	0.6780	0.6780	0.6780	0.6770	0.6770
605	ER	0.8682	0.9710	0.9720	0.9730	0.9670	0.9710
606	ER	1.7360	2.2900	2.2850	2.2850	2.2900	2.2850
607	ER	110.0000	110.2000	110.0000	110.1000	110.2000	110.0000
608	ER	121.0000	121.2000	121.0000	121.2000	121.1000	121.2000
609	ER	155.5600	156.1000	156.1000	156.1000	156.1000	156.1000
610	ER	311.1000	311.0000	311.1000	311.1000	311.0000	311.0000
611	SGP	110.0000	112.2000	112.0000	112.2000	112.0000	112.2000
612	SGP	121.0000	125.2000	125.2000	125.2000	125.2000	125.2000
613	SGP	1.0000	1.0007	1.0007	1.0007	1.0007	1.0014
614	ER	110.0000	110.0000	110.0000	110.4000	110.0000	110.2000
615	ER	121.0000	121.2000	121.0000	121.1000	121.1000	121.2000
616	ER	155.5600	156.1000	156.1000	156.1000	156.1000	156.1000
617	ER	311.1000	310.9000	311.1000	311.1000	310.9000	311.1000
731	ER	1.0000	1.0360	1.0080	1.0350	1.0080	1.0090
732	ER	2.0000	1.9890	1.9770	1.9880	1.9730	1.9700
801	ER	999.9960	999.9960	999.9960	999.9960	999.9960	999.9960
803	PGN	99.9999	99.9950	99.9951	99.9951	99.9952	99.9951
804	PGN	30.0000	30.1000	30.1400	30.1800	30.2000	30.2000
805	PGN	99.9999	99.9897	99.9896	99.9896	99.9897	99.9897
806	PGN	0.0056	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9995	9.9995	9.9995
809	ER	999.9960	999.9960	999.9960	999.9960	999.9960	999.9960

DATA SET 42

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.8020	7.8030	7.8030	7.8020	7.8030
102	STP	-7.5000	-7.5010	-7.5010	-7.5010	-7.5010	-7.5010
103	DC1	9.0000	9.0160	9.0170	9.0160	9.0190	9.0190
104	DA1	9.0000	8.8890	8.9990	8.9990	8.9990	8.9990
105	FF	7.8000	6.8890	7.8030	7.8030	7.8030	7.8030
106	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
107	FR	223.6000	205.9000	223.2000	223.2000	223.2000	223.2000
108	PSI	230.0000	209.9000	236.3000	236.3000	236.3000	236.3000
109	FR	223.0000	209.9000	223.2000	223.2000	223.2000	223.2000
110	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
111	FR	503.2100	500.4000	500.6000	500.6000	500.4000	500.6000
112	DA2	900.0000	888.9000	893.3000	893.3000	893.3000	893.3000
113	FR	503.2100	488.9000	500.7000	500.6000	500.4000	500.6000
200	SI	0.	0.0040	0.0040	0.0040	0.0040	0.0030
201	FR	8.8198	8.8290	8.8370	8.8340	8.8350	8.8340
202	STP	9.0000	9.0190	9.0190	9.0190	9.0200	9.0190
203	FR	8.8198	8.8360	8.8360	8.8360	8.8360	8.8380
204	SI	0.	0.8960	0.8990	0.8910	0.8960	0.8940
205	FR	80.0500	80.1020	79.5300	79.5300	79.5400	79.5400
206	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
207	FR	819.9000	818.9628	818.6000	818.9000	818.7000	818.8000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9950	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STP	900.0000	900.0010	900.0020	900.0010	900.0010	900.0020
303	FR	999.9960	1000.0010	1000.0010	1000.0000	1000.0010	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FR	5.6280	4.8890	5.6260	5.6270	5.6270	5.6220
402	STP	7.0000	6.5890	7.0020	7.0020	7.0020	6.9990
403	FR	5.6280	4.8890	5.6230	5.6230	5.6170	5.6330
404	SI	0.	0.0300	0.0310	0.0320	0.0310	0.0320
405	FR	0.3170	0.3170	0.3180	0.3180	0.3180	0.3180
406	SI	0.	0.5490	0.5490	0.5450	0.5470	0.5450
407	FR	7.9580	8.1110	8.1140	8.1040	8.1200	8.1100
408	SI	0.	0.8500	0.9600	0.9700	0.9300	0.9800
409	FR	15.9160	13.2200	13.2500	13.2500	13.2400	13.2500
410	SG1	9.0000	9.1060	9.1080	9.1040	9.1060	9.1040
411	SG1	0.0810	0.0850	0.0860	0.0860	0.0860	0.0840
412	SG1	0.9000	0.9990	0.9120	0.9120	0.9110	0.9110
413	SG1	0.4000	0.3996	0.3996	0.3996	0.3996	0.3996
414	SG2	9.0000	9.0040	9.0080	9.0060	9.0040	9.0050
415	SG0	90.0000	91.1600	91.1600	91.1600	91.1600	91.1600
416	SG0	9.0000	8.9830	8.9860	8.9840	8.9860	8.9860
417	SG0	9.0000	9.0250	9.0240	9.0240	9.0260	9.0270
418	FF	5.6280	5.6190	5.6260	5.6270	5.6270	5.6260
500	SI	0.	0.0040	0.0030	0.0040	0.0040	0.0040
501	FF	0.9770	0.9670	0.9670	0.9570	0.9670	0.9670
502	SG1	1.1000	1.1140	1.1140	1.1140	1.1140	1.1140
503	SG1	0.0200	0.0565	0.0585	0.0577	0.0626	0.0610
504	FR	0.9550	0.9370	0.9370	0.9370	0.9370	0.9370

DATA SET 42

505	FR	1.3810	1.3820	1.3790	1.3790	1.3810	1.3780
506	FR	2.7620	2.9100	2.9400	2.9200	2.9300	2.9200
507	SG1	1.2100	1.2440	1.2440	1.2430	1.2440	1.2440
508	SG1	1.5556	1.5910	1.5850	1.5900	1.5910	1.5890
509	SG1	3.1100	3.2300	3.2500	3.2400	3.2500	3.2600
510	FR	0.9550	0.9380	0.9380	0.9380	0.9370	0.9370
511	FR	1.3810	1.3810	1.3810	1.3790	1.3750	1.3820
512	FR	2.7620	2.9200	2.9200	2.9200	2.9300	2.9300
513	ST	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	FR	110.0300	110.0000	110.0000	109.9000	109.9000	110.0000
515	ST	0.	3.0000	3.1000	3.2000	3.2000	3.2000
516	FR	121.0000	121.1000	121.0000	120.9000	120.8000	120.8000
517	ST	0.	0.	0.	0.	0.	0.
518	FR	155.5600	156.1000	156.1000	156.1000	156.1000	156.1000
519	ST	0.	9.3000	9.4000	9.3000	9.3000	9.4000
520	FR	311.1000	310.9000	310.9000	310.8000	310.9000	310.9000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	122.6000	122.6000	122.6000	122.6000	122.6000
523	SGP	155.5600	155.9000	156.9000	157.1000	156.9000	156.9000
524	SGP	311.1000	311.0000	311.0000	311.1000	311.0000	310.9000
525	SGP	0.0200	0.0200	0.0200	0.0201	0.0200	0.0201
526	FR	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
527	FR	121.0000	121.0000	121.0000	121.0000	120.9000	120.9000
528	FR	155.5600	156.1000	156.1000	156.1000	156.1000	156.1000
529	FR	311.1000	310.5000	310.5000	310.5000	310.9000	310.5000
601	FR	0.6140	0.5990	0.6770	0.6770	0.6770	0.6770
602	SG1	1.1000	1.1020	1.1000	1.1000	1.1000	1.0990
603	SG1	9.0000	9.0004	9.0007	9.0006	9.0006	9.0006
604	FR	0.6140	0.6770	0.6770	0.6760	0.6760	0.6760
605	FR	0.8682	0.9690	0.9690	0.9610	0.9650	0.9590
606	FR	1.7360	2.2700	2.2800	2.2800	2.2800	2.2700
607	FR	110.0000	110.0000	110.2000	110.2000	110.0000	110.0000
608	FR	121.0000	123.5410	121.0000	121.0000	121.2000	121.2000
609	FR	155.5600	155.9000	156.0000	155.9000	155.9000	156.1000
610	FR	311.1000	310.9000	310.8000	311.0000	310.9000	310.9000
611	SGP	110.0000	111.9452	112.1000	112.0000	112.2000	112.2000
612	SGP	121.0000	125.0000	125.0000	125.0000	125.0000	125.2000
613	SGP	1.0000	1.0007	1.0006	1.0007	1.0007	1.0007
614	FR	110.0000	110.3941	110.0000	110.0000	110.0000	110.0000
615	FR	121.0000	123.5414	121.2000	121.0000	121.0000	121.1000
616	FR	155.5600	155.9000	155.9000	156.0000	156.0000	156.0000
617	FR	311.1000	310.9000	310.9000	310.9000	310.9000	310.9000
701	FR	1.0000	1.0010	1.0010	1.0010	0.9990	0.9990
702	FR	2.0000	2.0000	1.9710	1.9640	1.9610	1.9590
801	FR	999.9960	999.9950	999.9960	999.9960	999.9960	999.9950
803	PGN	99.9999	99.9952	99.9953	99.9952	99.9952	99.9952
804	PGN	30.0000	30.0900	30.1900	30.1500	30.1300	30.2100
805	PGN	99.9999	99.9898	99.9897	99.9898	99.9898	99.9898
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9996	9.9995	9.9995	9.9995	9.9995
809	FR	999.9960	999.9960	999.9960	999.9960	999.9960	999.9960

DATA SET 43

120	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
121	FP	7.8000	7.8030	7.8030	7.8030	7.8030	7.8030
122	STP	-7.5000	-7.5000	-7.5000	-7.5000	-7.5000	-7.4990
123	DC1	9.0000	9.0180	9.0200	9.0090	9.0200	9.0160
124	DA1	9.0000	8.9970	8.9990	8.9990	8.9990	8.9990
125	FP	7.8000	7.8030	7.8040	7.8030	7.8030	7.8040
126	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
127	FP	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
128	PS1	230.0000	236.4000	236.5000	236.4000	236.6000	236.5000
129	FP	223.0000	223.2000	223.2000	223.2000	223.2000	223.2000
130	SI	0.	0.2000	0.2000	0.2000	0.2000	0.3300
131	FP	503.2100	500.4000	500.4000	500.4000	500.4000	500.4000
132	DA2	900.0000	893.3000	893.4000	893.3000	893.3000	893.4000
133	FP	503.2100	500.4000	500.4000	500.4000	500.4000	500.6000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FP	8.8198	8.8290	8.8310	8.8290	8.8290	8.8290
202	STP	9.0000	9.0120	9.0130	9.0120	9.0130	9.0130
203	FP	8.8198	8.8300	8.8290	8.8300	8.8320	8.8310
204	SI	0.	0.8340	0.8470	0.8540	0.8540	0.8490
205	FP	80.0500	79.3700	79.3900	79.4100	79.3900	79.4000
206	SI	0.	0.2000	0.2000	0.2000	0.2000	0.2000
207	FP	819.9000	818.4000	818.4000	818.4000	818.0000	818.1000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STP	900.0000	900.0010	900.0020	900.0010	900.0010	900.0020
303	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
401	FP	5.6280	5.6260	5.6290	5.6270	5.6270	5.6270
402	STP	7.0000	7.0030	7.0030	7.0030	7.0030	7.0030
403	FP	5.6280	5.6270	5.6300	5.6300	5.6300	5.6270
404	SI	0.	0.0280	0.0280	0.0280	0.0280	0.0280
405	FP	0.3170	0.3180	0.3180	0.3180	0.3180	0.3170
406	SI	0.	0.5520	0.5510	0.5520	0.5530	0.5540
407	FP	7.9580	8.1300	8.1280	8.1210	8.1290	8.1250
408	SI	0.	0.9700	0.9800	0.9800	0.9900	0.9900
409	FP	15.9160	13.2800	13.2800	13.2800	13.2900	13.2800
410	SG1	9.0000	0.1060	0.1090	0.1080	0.1090	0.1090
411	SG1	0.9810	0.0850	0.0850	0.0850	0.0850	0.0850
412	SG1	0.9000	0.0120	0.0120	0.0120	0.0120	0.0120
413	SG1	0.4000	0.3996	0.3995	0.3996	0.3995	0.3995
414	SG2	0.0000	0.0050	0.0060	0.0080	0.0060	0.0070
415	SGP	90.0000	91.1300	91.1400	91.1800	91.1600	91.1700
416	SG0	0.0000	8.9860	8.9870	8.9880	8.9800	8.9890
417	SG0	0.0000	0.0240	0.0240	0.0240	0.0250	0.0240
418	FP	5.6280	5.6270	5.6270	5.6280	5.6335	5.6305
500	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
501	FP	0.9770	0.9670	0.9680	0.9680	0.9680	0.9670
502	SG1	1.1000	1.1140	1.1150	1.1150	1.1150	1.1140
503	SG1	0.0200	0.0528	0.0522	0.0518	0.0539	0.0531
504	FP	0.0550	0.9380	0.9380	0.9390	0.9390	0.9390

DATA SET 43

515	FP	1.3810	1.3780	1.3850	1.3860	1.3840	1.3880
516	FP	2.7620	2.9500	2.9500	2.9500	2.9500	2.9500
517	SG1	1.2100	1.2440	1.2450	1.2450	1.2440	1.2440
518	SG1	1.5556	1.5950	1.5950	1.5870	1.5900	1.5910
519	SG1	3.1100	3.2600	3.2600	3.2700	3.2600	3.2600
510	FP	0.9550	0.9390	0.9380	0.9390	0.9390	0.9390
511	FP	1.3810	1.3840	1.3835	1.3850	1.3890	1.3830
512	FP	2.7620	2.9500	2.9500	2.9600	2.9500	2.9500
513	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
514	FP	110.0300	110.0000	110.0000	110.0000	110.0000	110.0000
515	SI	0.	2.8000	2.8000	2.8000	2.8000	2.8000
516	FP	121.0000	121.0000	121.1000	121.0300	121.2000	121.1000
517	SI	0.	0.4000	0.3000	0.4000	0.4000	0.4000
518	FP	155.5600	156.6000	156.6000	156.6000	156.6000	156.6000
519	SI	0.	9.5000	9.5000	9.7000	9.6000	9.6000
520	FP	311.1000	310.5000	310.8000	310.9000	310.8000	310.9000
521	SGP	110.0000	110.7000	110.8000	110.8000	110.8000	110.8000
522	SGP	121.0000	122.6000	122.7000	122.7000	122.7000	122.7000
523	SGP	155.5600	157.2000	157.5000	157.5000	157.5000	157.5000
524	SGP	311.1000	310.8000	310.9000	310.9000	311.0000	311.1000
525	SGP	0.0200	0.0201	0.0200	0.0200	0.0200	0.0200
526	FP	110.0000	110.0000	110.1000	110.1000	110.0000	110.1000
527	FP	121.0000	121.0000	121.0000	121.0000	121.1000	121.1000
528	FP	155.5500	156.6000	156.6000	156.6000	156.5000	156.8000
529	FP	311.1000	310.8000	310.8000	310.8000	310.8000	310.5000
601	FP	0.6140	0.6830	0.6840	0.6830	0.6840	0.6840
602	SG1	1.1000	1.1060	1.1060	1.1060	1.1060	1.1060
603	SG1	9.0000	9.0004	9.0004	9.0004	9.0004	9.0003
604	FP	0.6140	0.6820	0.6825	0.6820	0.6830	0.6830
605	FP	0.8482	0.9750	0.9790	0.9780	0.9750	0.9750
606	FP	1.7360	2.2800	2.2800	2.2900	2.3000	2.3100
607	FP	110.0000	110.2000	110.1000	110.1000	110.1000	110.1000
608	FP	121.0000	121.0000	121.2000	121.1000	121.2000	121.1000
609	FP	155.5600	156.5000	156.5000	155.5000	156.5000	156.5000
610	FP	311.1000	310.9000	310.9000	310.9000	311.1000	311.0000
611	SGP	110.0000	112.1000	112.1000	112.1000	112.1000	112.1000
612	SGP	121.0000	125.2000	125.2000	125.2000	125.2000	125.2000
613	SGP	1.0000	1.0007	1.0006	1.0007	1.0006	1.0007
614	FP	110.0000	110.1000	110.1000	110.0000	110.1000	110.0000
615	FP	121.0000	121.2000	121.3000	121.2000	121.2000	121.3000
616	FP	155.5600	156.5000	156.5000	156.4000	156.5000	156.5000
617	FP	311.1000	311.0000	311.0000	311.0000	311.0000	310.9000
701	FP	1.0000	1.0390	1.0430	1.0320	1.0390	1.0330
702	FP	2.0000	2.0390	2.0380	2.0250	2.0330	2.0210
801	FP	999.9960	999.9950	999.9960	999.9960	999.9950	999.9950
803	PGN	99.9000	99.9949	99.9948	99.9949	99.9948	99.9940
804	PGN	30.0000	30.2500	30.2900	30.2500	30.9000	30.3000
805	PGN	99.9990	99.9894	99.9894	99.9895	99.9894	99.9894
806	PGN	0.0050	0.0054	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9994	9.9995	9.9995	9.9995
809	FP	999.9960	999.9960	999.9960	999.9960	999.9960	999.9940

DATA SET 44

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FP	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
102	STR	-7.5000	-7.5000	-7.4990	-7.4990	-7.4990	-7.4990
103	DC1	9.0000	8.9790	8.9790	8.9840	8.9790	8.9840
104	DA1	9.0000	8.9950	8.9960	8.9960	8.9960	8.9950
105	FP	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
106	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
107	FP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	DS1	230.0000	236.7000	236.9000	236.9000	236.8000	236.9000
109	FP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
111	FP	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
112	DA2	900.0000	894.9000	894.9000	894.8000	894.9000	894.8000
113	FP	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FP	8.8198	8.8090	8.8080	8.8090	8.8090	8.8080
202	STR	9.0000	8.9880	8.9870	8.9860	8.9840	8.9860
203	FP	8.8198	8.8090	8.8090	8.8090	8.8040	8.8090
204	SI	0.	0.8910	0.9010	0.8980	0.9030	0.9010
205	FP	80.0500	82.4900	82.5900	82.4900	82.6200	82.6400
206	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
207	FP	819.9000	818.7000	818.6000	818.8000	818.8000	819.0000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FP	999.9960	1000.0010	1000.0000	1000.0000	1000.0000	1000.0010
302	STR	900.0000	899.9990	899.9990	899.9990	900.0000	900.0000
303	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
401	FP	5.6280	5.6290	5.6250	5.6220	5.6290	5.6240
402	STR	7.0000	6.9930	6.9930	6.9930	6.9930	6.9930
403	FP	5.6280	5.6260	5.6250	5.6260	5.6240	5.6230
404	SI	0.	0.0050	0.0050	0.0050	0.0070	0.0070
405	FP	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.3990	0.4770	0.4740	0.4750	0.4770
407	FP	7.9580	8.0740	8.0780	8.0730	8.0700	8.0750
408	SI	0.	0.9500	0.9500	0.9700	0.9600	0.9600
409	FP	15.9160	13.7900	13.7900	13.8300	13.8100	13.8300
410	SG1	0.0000	0.0480	0.0460	0.0480	0.0460	0.0480
411	SG1	0.0810	0.0590	0.0770	0.0770	0.0770	0.0770
412	SG1	0.9000	0.8970	0.8970	0.8970	0.8970	0.8970
413	SG1	0.4000	0.4000	0.3994	0.3994	0.3997	0.3997
414	SG2	0.0000	0.0100	0.0110	0.0110	0.0110	0.0110
415	SGP	90.0000	90.1900	90.2300	90.2400	90.2300	90.2300
416	SGO	0.0000	0.9750	0.9760	0.9750	0.9740	0.9760
417	SGO	0.0000	0.9990	0.9990	0.9990	0.9980	0.9990
418	FP	5.6280	5.6230	5.6250	5.6250	5.6250	5.6250
500	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
501	FP	0.9770	0.9670	0.9670	0.9670	0.9670	0.9640
502	SG1	1.1000	1.0990	1.1050	1.1050	1.1050	1.1050
503	SG1	0.0200	0.0375	0.0377	0.0351	0.0374	0.0353
504	FP	0.9550	0.9640	0.9650	0.9650	0.9650	0.9650

DATA SET 44

505	FR	1.3810	1.2990	1.2990	1.3030	1.3030	1.3030
506	FR	2.7620	3.0300	3.0500	3.0500	3.0500	3.0700
507	SGI	1.2100	1.2670	1.2670	1.2690	1.2670	1.2690
508	SGI	1.5556	1.5250	1.5390	1.5330	1.5350	1.5320
509	SGI	3.1100	3.3300	3.3900	3.3500	3.3900	3.3700
510	FR	0.9550	0.9650	0.9650	0.9650	0.9650	0.9630
511	FR	1.3810	1.2970	1.3000	1.2940	1.3030	1.3030
512	FR	2.7320	3.0300	3.0300	3.0300	3.0300	3.0300
513	SI	0.	0.5000	0.5000	0.5000	0.5000	0.5000
514	FR	110.0300	108.9000	110.1000	110.1000	110.1000	110.1000
515	SI	0.	0.5000	0.5000	0.5000	0.7000	0.6000
516	FR	121.0000	125.7000	125.7000	125.7000	125.7000	125.6000
517	SI	0.	0.	0.	0.	0.	0.
518	FR	155.5600	155.0000	154.7000	154.9000	154.7000	154.9000
519	SI	0.	9.9000	9.7000	9.9000	9.7000	9.5000
520	FR	311.1000	313.9000	313.9000	314.0000	314.0000	313.9000
521	SGP	110.0000	109.9000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	126.9000	126.9000	126.9000	126.9000	126.9000
523	SGP	155.5600	149.9000	155.7000	155.3000	155.7000	155.3000
524	SGP	311.1000	309.9000	313.6000	313.3000	313.9000	313.3000
525	SGP	0.0200	0.0201	0.0200	0.0200	0.0200	0.0201
526	FR	110.0000	110.1000	110.1000	108.9000	110.1000	110.1000
527	FR	121.0000	125.7000	125.7000	125.7000	125.7000	125.7000
528	FR	155.5600	149.9000	154.7000	154.7000	154.5000	154.9000
529	FR	311.1000	313.8000	313.7000	313.9000	313.7000	313.9000
601	FR	0.6140	0.7230	0.7230	0.7230	0.7230	0.7210
602	SGI	1.1000	1.0990	1.1090	1.1090	1.1090	1.1090
603	SGI	0.0000	9.0030	9.0032	9.0035	9.0033	9.0032
604	FR	0.6140	0.7230	0.7230	0.7210	0.7210	0.7210
605	FR	0.8682	0.9330	0.9390	0.9250	0.9410	0.9390
606	FR	1.7320	2.4100	2.4700	2.4100	2.4500	2.4300
607	FR	110.0000	108.9000	110.3000	110.1000	110.3000	110.3000
608	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
609	FR	155.5600	154.5000	154.5000	154.5000	154.3000	154.7000
610	FR	311.1000	314.0000	313.9000	314.1000	313.9000	314.1000
611	SGP	110.0000	111.9000	112.1000	112.1000	112.1000	112.1000
612	SGP	121.0000	129.9000	129.9000	129.9000	129.9000	129.9000
613	SGP	1.0000	1.0002	1.0002	1.0002	1.0003	1.0002
614	FR	110.0000	109.9000	110.1000	110.2000	110.1000	110.1000
615	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
616	FR	155.5600	149.9000	154.9000	154.5000	154.7000	154.5000
617	FR	311.1000	309.9000	314.3000	313.9000	314.1000	313.9000
731	FR	1.0000	0.9550	0.9390	0.9580	0.9630	0.9610
732	FR	2.0000	2.0290	2.0270	2.0190	2.0370	2.0370
801	FR	999.9960	999.9950	999.9960	999.9950	999.9950	999.9950
803	PGN	99.9999	99.9940	99.9941	99.9941	99.9941	99.9941
804	PGN	30.0000	30.8300	30.7300	30.5900	30.8700	30.8200
805	PGN	99.9999	99.9887	99.9887	99.9886	99.9887	99.9887
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9994	9.9994	9.9995	9.9994
809	FR	999.9960	999.9950	999.9960	999.9950	999.9950	999.9950

DATA SET 45

100	SI	0.	0.0010	0.0010	0.0010	0.0010	-0.
101	FP	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
102	STP	-7.5000	-7.4990	-7.4990	-7.4990	-7.4990	-7.4990
103	DC1	0.0000	8.9790	8.9790	8.9860	8.9790	8.9580
104	DA1	0.0000	8.9950	8.9950	8.9950	8.9950	8.9950
105	FP	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
106	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
107	FP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PS1	230.0000	236.7000	236.7000	236.7000	236.7000	236.7000
109	FP	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.3000	0.9000	0.3000	0.4000	0.7000
111	FP	503.2100	499.5000	499.7000	499.7000	499.7000	499.7000
112	DA7	900.0000	894.4000	894.3000	894.3000	894.2000	894.4000
113	FP	503.2100	500.4000	499.9000	500.3000	499.9000	499.9000
200	SI	0.	0.0040	0.0030	0.0030	0.0030	0.0030
201	FP	8.8100	8.8070	8.8070	8.8080	8.8080	8.8080
202	STP	9.0000	8.9890	8.9890	8.9890	8.9890	8.9890
203	FP	8.8100	8.8100	8.8080	8.8090	8.8090	8.8090
204	SI	0.	0.8930	0.8900	0.9010	0.8970	0.8910
205	FP	80.0500	81.0000	81.0100	81.0100	80.9900	80.9900
206	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
207	FP	819.5000	819.0000	819.3000	818.7000	819.1000	818.4000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STP	900.0000	899.9990	899.9990	899.9990	900.0000	900.0000
303	FP	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0070	0.0070	0.0050	0.0050	0.0070
401	FP	5.6280	5.6230	5.6210	5.6210	5.6210	5.6230
402	STP	7.0000	6.9910	6.9910	6.9910	6.9910	6.9910
403	FP	5.6280	5.6270	5.6250	5.6230	5.6240	5.6230
404	SI	0.	0.0060	0.0060	0.0070	0.0070	0.0070
405	FP	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4710	0.4770	0.4710	0.4790	0.4790
407	FP	7.9580	8.0730	8.0710	8.0700	8.0400	8.0800
408	SI	0.	0.9500	0.9500	0.9300	0.9500	0.9700
409	FP	15.9140	13.8100	13.5100	13.7900	13.8100	13.8300
410	SG1	0.0000	0.0490	0.0490	0.0480	0.0490	0.0490
411	SG1	0.0310	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.0000	0.8970	0.8970	0.8970	0.8970	0.8970
413	SG1	0.4000	0.3997	0.3995	0.3997	0.3995	0.3997
414	SG2	0.0000	0.0090	0.0090	0.0100	0.0100	0.0110
415	SG2	90.0000	90.1900	90.2100	90.2200	90.2300	90.2200
416	SG0	0.0000	8.9740	8.9750	8.9750	8.9750	8.9750
417	SG0	0.0000	8.9950	8.9950	8.9950	8.9950	8.9950
418	FP	5.6280	5.6250	5.6230	5.6250	5.6250	5.6230
500	SI	0.	0.0110	0.0070	0.0060	0.0070	0.0090
501	FP	0.9770	0.9650	0.9650	0.9670	0.9640	0.9640
502	SG1	1.1000	1.1050	1.1050	1.1050	1.1050	1.1050
503	SG1	0.0200	0.0360	0.0350	0.0374	0.0343	0.0347
504	FP	0.9550	0.9650	0.9650	0.9650	0.9650	0.9650

DATA SET 45

505	FP	1.3810	1.2970	1.2940	1.2970	1.2950	1.3070
506	FR	2.7620	3.0100	3.0300	3.0300	3.0300	3.0500
507	SG1	1.2100	1.2670	1.2630	1.2690	1.2670	1.2630
508	SG1	1.5556	1.5370	1.5330	1.5290	1.5310	1.5290
509	SG1	3.1100	3.3700	3.3700	3.3700	3.3300	3.3500
510	FP	0.9550	0.9650	0.9650	0.9650	0.9650	0.9650
511	FR	1.3810	1.2970	1.2970	1.2970	1.2970	1.3350
512	FR	2.7620	3.0500	3.0500	3.0500	3.0300	3.0100
513	SI	0.	0.7000	0.7000	0.7000	0.7000	0.7000
514	SP	110.0300	110.1000	109.9000	110.1000	110.1000	110.1000
515	SI	0.	0.5000	0.5000	0.5000	0.5000	0.7000
516	FP	121.0000	125.7000	125.7000	125.7000	125.7000	125.7000
517	SI	0.	0.	0.	0.	0.	0.
518	FP	155.5600	154.9000	154.9000	154.9000	154.7000	154.7000
519	SI	0.	9.5000	9.0000	9.9000	9.5300	0.5000
520	FP	311.1000	313.7000	314.0000	313.9000	313.9000	313.7000
521	SGP	110.0000	110.7000	110.7000	110.7000	110.7000	110.7000
522	SGP	121.0000	126.9000	126.9000	126.9000	126.9000	126.9000
523	SGP	155.5600	155.1000	155.3000	155.3000	155.4000	155.3000
524	SGP	311.1000	313.1000	313.3000	313.3000	313.7000	313.3000
525	SGP	0.0200	0.0200	0.0201	0.0200	0.0200	0.0200
526	FR	110.0000	109.9000	110.1000	110.2000	110.2000	110.3000
527	FR	121.0000	125.7000	125.7000	125.7000	125.7000	125.7000
528	FP	155.5600	154.9000	154.5000	154.5000	154.7000	155.0000
529	FR	311.1000	313.7000	313.7000	313.5000	313.9000	314.0000
631	FP	0.6140	0.7190	0.7190	0.7190	0.7190	0.7190
632	SG1	1.1000	1.1090	1.1090	1.1090	1.1090	1.1090
633	SG1	0.0000	9.0055	0.0054	0.0057	9.0056	9.0054
634	FR	0.6140	0.7180	0.7170	0.7170	0.7170	0.7160
635	FR	0.8682	0.9290	0.9290	0.9290	0.9290	0.9350
636	FR	1.7340	2.4100	2.4500	2.4500	2.4100	2.4100
637	FP	110.0000	110.3000	110.3000	110.3000	110.3000	110.3000
638	FP	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
639	FP	155.5600	154.3000	154.3000	154.5000	154.5000	154.7000
610	FR	311.1000	313.7000	313.9000	314.0000	314.1000	314.1000
611	SGP	110.0000	112.1000	112.1000	112.1000	112.1000	112.1000
612	SGP	121.0000	129.9000	129.9000	129.9000	129.9000	129.9000
613	SGP	1.0000	1.0003	1.0003	1.0002	1.0003	1.0003
614	FP	110.0000	110.3000	110.3000	110.3000	110.3000	110.3000
615	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
616	FP	155.5600	154.7000	154.7000	154.3000	154.7000	154.5000
617	FR	311.1000	314.0000	313.9000	313.9000	314.1000	313.9000
701	FR	1.0000	0.9400	0.9400	0.9400	0.9400	0.9510
702	FR	2.0000	2.0170	2.0150	2.0110	2.0150	2.0140
801	FP	999.9960	999.9970	999.9955	999.9950	999.9950	999.9955
803	PGN	99.9000	99.9942	99.9941	99.9942	99.9942	99.9941
804	PGN	30.0000	30.8200	30.7300	30.7200	30.7500	30.7900
805	PGN	99.9000	99.9888	99.9887	99.9887	99.9887	99.9887
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9995	9.9994	9.9995
809	FP	999.9960	999.9955	999.9955	999.9950	999.9960	999.9955

DATA SET 46

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
102	STR	-7.5000	-7.5000	-7.4990	-7.4990	-7.4990	-7.4990
103	DC1	9.0000	8.9860	8.9820	8.9840	8.9840	8.9850
104	DA1	9.0000	8.9930	8.9960	8.9950	8.9950	8.9950
105	FR	7.9000	7.7990	7.7990	7.7990	7.7990	7.7990
106	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
107	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PS1	230.0000	236.7000	236.8000	236.9000	236.9000	236.9000
109	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
111	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
112	DA2	900.0000	894.9000	894.9000	894.9000	894.9000	894.9000
113	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8080	8.8050	8.8070	8.8070	8.8080
202	STR	9.0000	8.9890	8.9860	8.9850	8.9860	8.9870
203	FR	8.8198	8.8080	8.8060	8.8080	8.8060	8.8070
204	SI	0.	0.8930	0.9050	0.9010	0.9050	0.9050
205	FR	80.0500	80.9900	80.9900	80.9900	81.0800	81.0800
206	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
207	FR	819.9000	818.4000	818.4000	818.3000	818.5000	818.5000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0010	1000.0000	1000.0000	1000.0000	1000.0010
302	STR	900.0000	899.9990	900.0000	899.9990	899.9990	900.0000
303	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
400	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
401	FR	5.6280	5.6230	5.6250	5.6270	5.6240	5.6230
402	STR	7.0000	6.9930	6.9930	6.9930	6.9930	6.9930
403	FR	5.6280	5.6230	5.6270	5.6230	5.6230	5.6250
404	SI	0.	0.0070	0.0070	0.0070	0.0070	0.0070
405	FR	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4770	0.4770	0.4740	0.4500	0.4770
407	FR	7.9580	8.0730	8.0710	8.0730	8.0770	8.0730
408	SI	0.	0.9700	0.9500	0.9700	0.9700	0.9750
409	FR	13.9160	13.8200	13.8100	13.8100	13.8300	13.8100
410	SG1	9.0000	9.0490	9.0490	9.0490	9.0490	9.0490
411	SG1	0.0910	0.0590	0.0770	0.0770	0.0770	0.0770
412	SG1	0.9000	0.8970	0.8970	0.8970	0.8970	0.8970
413	SG1	0.4000	0.3996	0.3995	0.3990	0.3995	0.3996
414	SG2	9.0000	9.0100	9.0110	9.0110	9.0110	9.0110
415	SGP	90.0000	90.2200	90.2300	90.2400	90.2500	90.2400
416	SG0	9.0000	8.9750	8.9740	8.9750	8.9750	8.9750
417	SG0	9.0000	8.9900	8.9990	8.9990	8.9980	8.9980
418	FR	5.6280	5.6260	5.6250	5.6230	5.6230	5.6250
500	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
501	FR	0.9770	0.9670	0.9650	0.9660	0.9660	0.9670
502	SG1	1.1000	1.1050	1.0990	1.0990	1.0990	1.0990
503	SG1	0.0200	0.0285	0.0337	0.0347	0.0361	0.0343
504	FR	0.9550	0.9650	0.9650	0.9650	0.9650	0.9630

DATA SET 46

505	ER	1.3810	1.2990	1.3000	1.3030	1.2990	1.2990
506	ER	2.7620	3.0300	3.0500	3.0300	3.0100	3.0500
507	SGI	1.2100	1.2670	1.2670	1.2670	1.2670	1.2670
508	SGI	1.5556	1.4990	1.4990	1.5270	1.4990	1.4990
509	SGI	3.1100	3.3700	3.3500	3.3500	3.3500	3.3500
510	ER	0.9550	0.9650	0.9650	0.9650	0.9650	0.9650
511	ER	1.3810	1.2970	1.2990	1.2990	1.3030	1.3030
512	ER	2.7620	3.0100	3.0500	3.0500	3.0500	3.0500
513	SI	0.	0.5000	0.5000	0.5000	0.5000	0.5000
514	ER	110.0300	109.9000	109.9000	109.9000	109.9000	109.9000
515	SI	0.	0.7000	0.7000	0.7000	0.7000	0.5000
516	ER	121.0000	125.7000	125.7000	125.7000	125.7000	125.7000
517	SI	0.	0.	0.	0.	0.	0.
518	ER	155.5600	149.9000	149.9000	154.7000	149.9000	154.5000
519	SI	0.	9.7000	9.5000	9.5000	9.5000	9.5000
520	ER	311.1000	309.9000	309.9000	309.9000	309.9000	313.0000
521	SGP	110.0000	109.9000	109.9000	109.9000	109.9000	110.7000
522	SGP	121.0000	126.9000	126.9000	126.9000	126.9000	126.9000
523	SGP	155.5600	149.9000	155.3000	155.5000	155.5000	155.3000
524	SGP	311.1000	313.1000	309.9000	309.9000	313.6000	313.7000
525	SGP	0.0200	0.0201	0.0200	0.0201	0.0200	0.0201
526	ER	110.0000	110.1000	109.9000	109.9000	109.9000	109.9000
527	ER	121.0000	125.7000	125.7000	125.7000	125.7000	125.7000
528	ER	155.5600	154.9000	149.9000	154.5000	154.5000	149.9000
529	ER	311.1000	313.9000	309.9000	309.9000	309.9000	309.9000
601	ER	0.6140	0.7170	0.7170	0.7170	0.7170	0.7170
602	SGI	1.1000	1.1000	1.0995	1.0990	1.0990	1.0990
603	SGI	9.0000	9.0044	9.0045	9.0045	9.0045	9.0046
604	ER	0.6140	0.7170	0.7170	0.7170	0.7150	0.7160
605	ER	0.8482	0.9250	0.9270	0.9310	0.9280	0.9330
606	ER	1.7360	2.4300	2.4300	2.4300	2.4500	2.4700
607	ER	110.0000	109.9000	109.9000	109.9000	109.9000	109.9000
608	ER	121.0000	125.9000	125.9000	125.9000	125.8000	125.9000
609	ER	155.5600	154.7000	154.3000	149.9000	154.3000	149.9000
610	ER	311.1000	309.9000	309.9000	309.9000	309.9000	309.9000
611	SGP	110.0000	109.9000	109.9000	112.1000	109.9000	109.9000
612	SGP	121.0000	129.9000	129.9000	129.9000	129.9000	129.9000
613	SGP	1.0000	1.0002	1.0002	1.0003	1.0002	1.0003
614	ER	110.0000	109.9000	109.9000	109.9000	110.1000	109.9000
615	ER	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
616	ER	155.5600	154.7000	149.9000	149.9000	149.9000	149.9000
617	ER	311.1000	309.9000	309.9000	314.2000	309.9000	309.9000
701	ER	1.0000	0.9710	0.9590	0.9590	0.9600	0.9690
702	ER	2.0000	2.0490	2.0610	2.0370	2.0410	2.0450
801	ER	999.9960	999.9940	999.9950	999.9950	999.9960	999.9950
803	PGN	99.9999	99.9994	99.9994	99.9994	99.9994	99.9994
804	PGN	30.0000	30.7900	30.7700	30.7900	30.7300	30.7900
805	PGN	99.9999	99.9887	99.9887	99.9888	99.9887	99.9887
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9994	9.9995	9.9993	9.9994	9.9994
810	ER	999.9960	999.9960	999.9960	999.9960	999.9950	999.9960

DATA SET 47

130	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
131	FR	7.8000	7.7990	7.7980	7.7990	7.7990	7.7990
132	STR	-7.5000	-7.4990	-7.4980	-7.4990	-7.4980	-7.4990
133	DC1	9.0000	8.9790	8.9850	8.9820	8.9790	8.9790
134	DA1	9.0050	8.9950	8.9950	8.9950	8.9950	8.9950
135	FR	7.8000	7.7990	7.7990	7.7990	7.7990	7.7990
136	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
137	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
138	PSI	230.0000	236.9000	236.9000	236.8000	236.7000	234.7000
139	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.3000	0.4000	0.5000	0.4000	0.3490
111	FR	503.2100	499.5000	499.5000	499.7000	499.6000	499.7000
112	DA2	900.0000	893.9000	893.9000	894.1000	894.0000	894.2000
113	FR	503.2100	491.7000	499.9000	499.7000	499.9000	499.7000
230	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
231	FR	8.8198	8.8110	8.8090	8.8090	8.8090	8.8080
232	STR	9.0000	8.9900	8.9890	8.9890	8.9890	8.9890
233	FR	8.8198	8.8110	8.8110	8.8100	8.8090	8.8090
234	SI	0.	0.8910	0.8970	0.8990	0.8990	0.8910
235	FR	80.0500	80.9900	81.0300	80.9900	81.0300	81.0300
236	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
237	FR	819.9000	818.9000	819.1000	818.7000	819.1000	819.0000
330	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
331	FR	999.9960	1000.0010	1000.0000	1000.0010	1000.0010	1000.0000
332	STR	900.0000	899.9990	899.9990	900.0000	899.9990	899.9990
333	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
430	SI	0.	0.0050	0.0070	0.0070	0.0050	0.0050
431	FR	5.6280	5.6230	5.6210	5.6230	5.6210	5.6190
432	STR	7.0000	6.9930	6.9930	6.9930	6.9930	6.9930
433	FR	5.6280	5.6260	5.6270	5.6270	5.6250	5.6230
434	SI	0.	0.0210	0.0170	0.0170	0.0150	0.0130
435	FR	0.3170	0.3230	0.3230	0.3230	0.3230	0.3230
436	SY	0.	0.4600	0.4810	0.4790	0.4790	0.4790
437	FR	7.9580	8.0750	8.0710	8.0730	8.0740	8.0780
438	SI	0.	0.9500	0.9300	0.9700	0.9300	0.9750
439	FR	15.9160	13.7900	13.7800	13.7900	13.7900	13.8100
410	SG1	9.0000	9.0400	9.0500	9.0500	9.0400	9.0400
411	SG1	0.0810	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.9000	0.8970	0.8970	0.8970	0.8970	0.8970
413	SG1	0.4000	0.3997	0.3995	0.3995	0.3997	0.3995
414	SG2	9.0000	9.0110	9.0110	9.0110	9.0110	9.0110
415	SGP	90.0000	90.2200	90.2300	90.2400	90.2400	90.2400
416	SGO	9.0000	8.9780	8.9780	8.9780	8.9780	8.9780
417	SGO	9.0000	8.9990	8.9990	8.9990	8.9990	8.9990
418	FR	5.6280	5.6250	5.6250	5.6250	5.6240	5.6230
530	SI	0.	0.0070	0.0110	0.0050	0.0050	0.0110
531	FR	0.9770	0.9650	0.9670	0.9670	0.9650	0.9650
532	SG1	1.1000	1.1050	1.0990	1.0990	1.1030	1.0990
533	SG1	0.0200	0.0338	0.0341	0.0380	0.0341	0.0327
534	FR	0.9530	0.9650	0.9650	0.9650	0.9650	0.9650

DATA SET 47

505	FR	1.3810	1.2970	1.2930	1.2970	1.2990	1.2990
506	FR	2.7620	3.0100	3.0100	3.0100	3.0100	3.0100
507	SG1	1.2100	1.2670	1.2660	1.2650	1.2670	1.2690
508	SG1	1.5556	1.5410	1.5330	1.4990	1.4990	1.5310
509	SG1	3.1100	3.3300	3.3500	3.3300	3.3300	3.3300
510	FR	0.9550	0.9650	0.9650	0.9650	0.9650	0.9650
511	FR	1.3810	1.2950	1.2970	1.2990	1.2990	1.2970
512	FR	2.7620	3.0100	3.0300	3.0100	3.0300	3.0300
513	ST	0.	0.5000	0.7000	0.5000	0.7000	0.5000
514	FR	110.0300	110.1000	109.9000	109.9000	109.9000	109.9000
515	ST	0.	1.9000	1.7000	1.7000	1.5000	1.3000
516	FR	121.0000	125.8000	125.7000	125.7000	125.7000	125.7000
517	ST	0.	0.	0.	0.	0.	0.
518	FR	155.5600	155.0000	149.9000	149.9000	149.9000	149.9000
519	ST	0.	0.3000	0.3000	0.5000	0.3000	0.7000
520	FR	311.1000	313.3000	309.9000	309.9000	309.9000	309.9000
521	SGP	110.0000	109.9000	109.9000	109.9000	109.9000	109.9000
522	SGP	121.0000	126.9000	126.9000	126.9000	126.9000	126.9000
523	SGP	155.5600	149.9000	155.3000	149.9000	149.9000	149.9000
524	SGP	311.1000	309.9000	309.9000	309.9000	309.9000	309.9000
525	SGP	0.0200	0.0200	0.0201	0.0200	0.0200	0.0201
526	FR	110.0000	109.9000	109.9000	109.9000	109.9000	109.9000
527	FR	121.0000	125.7000	125.7000	125.7000	125.7000	125.7000
528	FR	155.5600	149.9000	155.1000	149.9000	149.9000	154.9000
529	FR	311.1000	309.9000	313.5000	309.9000	309.9000	309.9000
601	FR	0.6140	0.7210	0.7210	0.7210	0.7190	0.7130
602	SG1	1.1000	1.0990	1.0990	1.0990	1.0990	1.0990
603	SG1	9.0000	9.0036	9.0040	9.0041	9.0041	9.0041
604	FR	0.6140	0.7190	0.7190	0.7190	0.7170	0.7170
605	FR	0.8682	0.9230	0.9240	0.9300	0.9280	0.9330
606	FR	1.7360	2.4200	2.4100	2.3900	2.3900	2.4300
607	FR	110.0000	109.9000	109.9000	109.9000	109.9000	109.9000
608	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
609	FR	155.5600	155.9000	149.9000	154.7000	149.9000	154.5000
610	FR	311.1000	313.7000	309.9000	309.9000	309.9000	313.5000
611	SGP	110.0000	109.9000	109.9000	112.1000	109.9000	112.1000
612	SGP	121.0000	129.9000	129.9000	129.9000	129.9000	129.9000
613	SGP	1.0000	1.0002	1.0003	1.0002	1.0003	1.0002
614	FR	110.0000	109.9000	109.9000	109.9000	109.9000	109.9000
615	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
616	FR	155.5600	149.9000	149.9000	149.9000	149.9000	154.7000
617	FR	311.1000	309.9000	309.9000	309.9000	313.7000	313.9000
701	FR	1.0000	0.9630	0.9530	0.9590	0.9570	0.9670
702	FR	2.0000	2.0490	2.0170	2.0370	2.0190	2.0590
801	FR	999.9960	999.9960	999.9960	999.9960	999.9960	999.9960
803	PGN	99.9900	99.9941	99.9941	99.9942	99.9942	99.9942
804	PGN	30.8900	30.7900	29.9900	30.4922	30.8200	30.8900
805	PGN	99.9999	99.9884	99.9889	99.9887	99.9888	99.9888
806	PGN	0.0050	0.0052	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9994	9.9995	9.9995
809	FR	999.9960	999.9960	999.9950	999.9950	999.9960	999.9960

DATA SET 48

100	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
101	FR	7.8000	7.7990	7.7990	7.7990	7.8000	7.7990
102	STR	-7.5000	-7.5040	-7.4900	-7.5000	-7.5020	-7.5000
103	DC1	9.0000	9.0850	9.0850	8.9890	8.8886	8.9790
104	DA1	0.0000	8.9950	8.9649	8.9950	8.9680	0.0950
105	FR	7.8000	7.7990	7.7975	7.7990	7.7990	7.7990
106	SI	0.	0.1000	-0.	0.1000	0.1000	0.1000
107	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
108	PS1	230.0000	235.9000	236.9000	236.9000	235.9000	236.9000
109	FR	223.0000	223.1000	223.1000	223.1000	223.1000	223.1000
110	SI	0.	0.3000	0.3000	0.3000	0.3000	0.3000
111	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
112	DA2	900.0000	894.9000	894.8000	894.8000	894.8000	894.8000
113	FR	503.2100	499.9000	499.9000	499.9000	499.9000	499.9000
200	SI	0.	0.0030	0.0030	0.0030	0.0030	0.0030
201	FR	8.8198	8.8090	8.8080	8.8070	8.8070	8.8090
202	STR	0.0000	8.9890	8.9890	8.9880	8.9850	8.9870
203	FR	8.8198	8.8090	8.8090	8.8090	8.8080	8.8080
204	SI	0.	0.8970	0.9050	0.	0.9030	0.9000
205	FR	80.0500	51.0700	80.9900	80.9900	80.1020	81.1000
206	SI	0.	0.1000	0.1000	0.1000	0.1000	0.1000
207	FR	819.9000	819.0000	818.8000	818.6000	818.8000	818.7000
300	SI	0.	0.0010	0.0010	0.0010	0.0010	0.0010
301	FR	999.9960	1000.0000	1000.0000	1000.0000	1000.0000	1000.0000
302	STR	900.0000	999.9990	899.9990	899.9990	900.0005	900.0000
303	FR	999.9960	1000.0000	1000.0001	1000.0001	1000.0000	1000.0000
400	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
401	FR	5.6200	5.6220	5.6210	5.6230	5.6230	5.6231
402	STR	7.0000	6.9930	6.9930	6.9930	6.9930	6.9930
403	FR	5.6280	5.6230	5.6230	5.6230	5.6230	5.6230
404	SI	0.	0.0090	0.0090	0.0090	0.0090	0.0090
405	FR	0.3170	0.3210	0.3230	0.3230	0.3230	0.3230
406	SI	0.	0.4770	0.4800	0.4830	0.4750	0.4750
407	FR	7.9580	8.0710	8.0740	8.0830	8.0740	8.0740
408	SI	0.	0.9500	0.9300	0.9500	0.9100	0.9500
409	FR	15.9160	13.7900	13.7900	13.7900	13.7800	13.8100
410	SG1	0.0000	0.0500	0.0669	0.0500	0.0490	0.0490
411	SG1	0.0810	0.0770	0.0770	0.0770	0.0770	0.0770
412	SG1	0.8000	0.8970	0.8970	0.8970	0.8970	0.8970
413	SG1	0.4000	0.3996	0.3996	0.3995	0.3997	0.3995
414	SG2	0.0000	0.0110	0.0110	0.0120	0.0110	0.0110
415	SGP	90.0000	90.2800	90.2400	90.2500	90.2400	90.2800
416	SG0	0.0000	8.9750	8.9750	8.9750	8.9750	8.9750
417	SG0	0.0000	8.9980	8.9990	8.9990	8.9980	8.9990
418	FR	5.6280	5.6250	5.6250	5.6230	5.6230	5.6250
500	SI	0.	0.0050	0.0050	0.0050	0.0050	0.0050
501	FR	0.9770	0.9670	0.9670	0.9670	0.9670	0.9650
502	SG1	1.1000	1.1050	1.0990	1.1050	1.0990	1.0990
503	SG1	0.0200	0.0385	0.0367	0.0358	0.0349	0.0346
504	FR	0.9550	0.9650	0.9650	0.9630	0.9650	0.9650

DATA SET 49

505	FR	1.3810	1.2950	1.3000	1.3030	1.3050	1.3050
506	FR	2.7620	3.0100	3.0300	3.0300	2.9900	3.0500
507	SGI	1.2100	1.2690	1.2670	1.2680	1.2680	1.2670
508	SGI	1.5556	1.5370	1.4990	1.5370	1.5350	1.5240
509	SGI	3.1100	3.3500	3.3700	3.3500	3.3300	3.3300
510	EP	0.9550	0.9650	0.9650	0.9630	0.9630	0.9550
511	FR	1.3810	1.2950	1.2990	1.2970	1.3493	1.2990
512	FR	2.7620	3.0100	3.0000	2.9900	3.0100	3.0300
513	SI	0.	0.5000	0.5000	0.5000	0.5000	0.5000
514	FR	110.0300	109.9000	109.9000	109.9000	109.9000	109.9000
515	SI	0.	0.9000	0.9000	0.9000	0.9000	0.7000
516	FR	121.0000	125.7000	125.7000	125.7000	125.7000	125.7000
517	SI	0.	0.	0.	0.	0.	0.
518	FR	155.5600	154.7000	149.9000	149.9000	155.1000	154.9000
519	SI	0.	9.3000	9.5000	9.7000	9.5000	9.9000
520	FR	311.1000	309.9000	313.7000	309.9000	309.9000	313.9000
521	SGP	110.0000	109.9000	110.7000	109.9000	109.9000	110.7000
522	SGP	121.0000	126.9000	126.9000	126.9000	126.9000	126.9000
523	SGP	155.5600	155.5000	155.5000	155.4000	155.3000	155.3000
524	SGP	311.1000	309.9000	309.9000	309.9000	309.9000	309.9000
525	SGP	0.0200	0.0200	0.0201	0.0200	0.0200	0.0201
526	EP	110.0000	109.9000	109.9000	109.9000	109.9000	110.1000
527	EP	121.0000	125.7000	125.7000	125.7000	125.7000	125.6000
528	FR	155.5600	154.7000	149.9000	154.7000	154.9000	154.9000
529	FR	311.1000	313.3000	309.9000	309.9000	313.6000	313.9000
601	EP	0.6140	0.7150	0.7170	0.7170	0.7160	0.7160
602	SGI	1.1000	1.0940	1.0990	1.0940	1.1070	1.0990
603	SGI	9.0000	9.0037	9.0040	9.0039	9.0038	9.0040
604	FR	0.6140	0.7130	0.7140	0.7003	0.7150	0.7150
605	FR	0.8682	0.9230	0.9290	0.9603	0.9310	0.9290
606	EP	1.7360	2.3900	2.3900	2.3900	2.4100	2.4100
607	FR	110.0000	109.9000	110.1000	109.9000	109.9000	110.1000
608	FR	121.0000	125.9000	125.9000	125.9000	125.9000	125.9000
609	FR	155.5600	154.5000	154.9000	154.7000	154.9000	154.7000
610	FR	311.1000	309.9000	309.9000	309.9000	309.9000	309.9000
611	SGP	110.0000	109.9000	109.9000	112.1000	109.9000	112.1000
612	SGP	121.0000	129.9000	129.9000	129.9000	129.9000	129.9000
613	SGP	1.0000	1.0002	1.0003	1.0003	1.0002	1.0002
614	FR	110.0000	109.9000	110.1000	109.9000	109.9000	110.1000
615	FR	121.0000	125.9000	125.7000	125.9000	125.7000	125.9000
616	FR	155.5600	149.9000	149.9000	154.7000	154.5000	154.5000
617	FR	311.1000	314.1000	309.9000	313.7000	313.8000	313.9000
701	FR	1.0000	0.9850	0.9970	1.0010	0.9890	0.9710
702	EP	2.0000	2.0780	2.0990	2.1110	2.0890	2.0530
801	FR	999.9960	999.9960	999.9950	998.5050	999.9950	964.7590
803	PGN	99.9999	99.9942	99.9947	99.9942	99.9943	99.9942
804	PGN	30.0000	30.7900	30.7900	30.8400	30.8400	30.8500
805	PGN	99.9999	99.9888	99.9888	99.9887	99.9888	99.9888
806	PGN	0.0050	0.0053	0.0053	0.0053	0.0053	0.0053
807	PGN	10.0000	9.9995	9.9995	9.9994	9.9994	9.9995
809	FR	999.9960	999.9950	999.9956	999.9960	999.9950	959.9960

Appendix C
COMPILATION OF COMPUTED STATISTICS BY HOUR

The statistics include computations of:

1) measurement bias error ϵ_b (EMB)

2) measurement accuracy error ϵ_a (EMA)

3) stimulus setting error ϵ_s (ESS)

4) measurement precision variance s^2 (VAR).

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TEST NO	HOUR YEAR	DATE	MACHINE TAPE		DC VOLTAGE 10V	250V	1000MV	RESISTANCE 10K	0.1K	FREQ 1000K	1000KHZ	AC VOLTAGE 400 HZ 10VRMS	50 HZ 10VRMS	250VRMS	10 KHZ 10VRMS	250VRMS	1000 KHZ 10VRMS	PULSE TRAIN
	1000			EMB	.001000	0.0200	0.140	0.00300	0.881	0.1000	.001000	0.351	0.00420	2.57	0.00420	2.57	0.00420	0.806
1	2/13	2/03		EMA	-0.00160	0.0800	-3.49	-0.00790	-0.301	-0.720	.003098	-0.678	0.0541	-1.30	0.235	-0.913	.004400	-5.91
	1968			ESS	-0.00133	1.70	0.615	.004700	1.03	0.460	-0.00100	0.672	.001615	2.92	-0.0722	3.11	.004200	4.56
				VAR	.000035	9.20	3.81	.000014	0.0251	0.167	.000005	0.307	0.0104	7.06	0.0309	9.03	.000088	42.7
	1400			EMB	.001000	0.1000	0.480	0.00300	0.885	0.1000	.001000	0.344	0.00640	2.54	0.00640	2.54	0.00640	0.816
2	2/14	2/01		EMA	.004000	-0.00000	-3.82	-0.00400	-0.339	0.320	.003298	-0.687	0.0317	-1.11	0.199	-0.993	-0.0382	-1.10
	1968			ESS	-0.00350	1.72	1.05	.004750	1.05	-0.0600	-0.00105	0.689	.006074	2.90	-0.0610	3.09	.006400	1.13
				VAR	.000022	8.24	4.10	.000009	0.0320	0.0716	.000005	0.310	.009246	7.40	0.0422	8.82	.000697	0.320
	1100			EMB	.001000	0.0800	0.280	0.00300	0.889	0.1000	.001000	0.346	0.00500	2.57	0.00500	2.57	0.00500	0.815
3	2/15	2/03		EMA	.000600	0.0200	-3.59	-0.00510	-0.335	-0.380	.002998	-0.686	0.0349	-1.08	0.232	-0.975	-0.0132	-2.32
	1968			ESS	-0.00230	1.73	0.790	.004050	1.06	0.290	-0.00095	0.670	.003896	2.93	-0.0723	3.14	.005000	2.01
				VAR	.000030	8.62	3.75	.000009	0.0312	0.0610	.000004	0.309	.009182	7.63	0.0517	9.04	.000765	4.71
	0800			EMB	.000600	0.	0.1000	0.00280	0.882	0.0800	0.00120	0.347	0.00360	2.62	0.00360	2.62	0.00360	0.805
4	2/16	2/03		EMA	-0.00170	0.1000	-3.41	-0.00450	-0.260	-0.0400	.003098	-0.685	0.0357	-1.17	0.218	-1.09	-0.0197	-1.14
	1968			ESS	-0.00133	1.68	0.570	.003800	1.01	0.100	-0.00075	0.669	.002377	1.00	-0.0678	3.19	.003600	1.13
				VAR	.000043	9.22	3.45	.000013	0.0190	0.0116	.000005	0.309	.008652	7.64	0.0455	9.14	.000624	0.234
	0900			EMB	.001000	0.0600	0.120	0.00300	0.890	0.1000	.001000	0.343	0.00480	2.58	0.00480	2.58	0.00480	0.804
5	2/16	2/03		EMA	-0.00220	0.0400	-3.43	-0.00850	-0.316	-0.140	.003098	-0.686	0.0340	-1.16	0.209	-1.09	-0.0105	-2.20
	1968			ESS	-0.00113	1.70	0.535	.005050	1.05	0.170	-0.00095	0.667	.003479	2.96	-0.0653	3.15	.004800	1.90
				VAR	.000035	8.63	3.74	.000015	0.0279	0.0134	.000004	0.313	.008521	7.71	0.0439	9.23	.000817	5.71
	1100			EMB	0.	0.	0.1000	0.00300	0.890	0.0600	.001000	0.342	0.00440	2.52	0.00440	2.52	0.00440	0.782
6	2/16	2/03		EMA	.000500	0.0800	-3.41	-0.0101	-0.322	-0.320	.002998	-0.685	0.0320	-1.16	0.212	-1.06	-0.0121	-3.66
	1968			ESS	-0.00280	1.63	0.555	.005450	1.05	0.220	-0.00090	0.666	.004916	2.91	-0.0671	3.08	.004400	2.94
				VAR	.000024	8.62	3.51	.000021	0.0290	0.0489	.000004	0.312	.008294	7.69	0.0449	9.01	.000730	7.78
	1200			EMB	.000800	0.	0.1000	0.00300	0.890	0.0400	.001000	0.342	0.00460	2.53	0.00460	2.53	0.00460	0.784
7	2/16	2/03		EMA	-0.00000	0.1000	-3.41	-0.0112	-0.324	-0.240	.002998	-0.685	0.0329	-1.14	0.211	-1.08	-0.0135	-6.54
	1968			ESS	-0.00223	1.63	0.550	.005650	1.05	0.160	-0.00095	0.667	.002564	2.91	-0.0668	3.10	.004600	5.00
				VAR	.000029	8.69	3.53	.000027	0.0291	0.0440	.000004	0.311	.008045	7.73	0.0451	9.14	.000647	25.2
	1500			EMB	.001000	0.300	0.400	0.00400	0.904	0.300	.001000	0.393	0.00500	3.30	0.00500	3.30	0.00500	1.04
8	2/19	5/01		EMA	-0.00020	-0.160	-3.42	.000200	-1.51	-1.56	.003098	-0.793	0.0408	-3.00	0.205	-2.94	0.0527	-1.04
	1968			ESS	.001367	1.88	0.175	.002400	1.66	1.08	-0.00030	0.815	.004112	4.13	-0.0644	3.77	.005000	1.67
				VAR	.000025	7.37	7.97	.000023	0.630	0.726	.000002	0.498	.004707	5.20	0.0392	1.50	.002026	.004900
	0900			EMB	.001000	0.160	0.280	0.00280	0.903	0.200	.001000	0.389	0.00300	3.15	0.00300	3.15	0.00300	0.983
9	2/20	5/05		EMA	.002000	0.0200	-3.27	0.0103	-1.56	-1.58	.002998	-0.793	0.0459	-2.87	0.223	-2.83	-0.00000	-1.28
	1968			ESS	.000733	1.76	0.277	.000500	1.68	0.990	-0.00030	0.817	.002682	3.98	-0.0708	3.63	.003000	1.22
				VAR	.000042	8.11	5.95	.000025	0.679	0.728	.000002	0.507	.005257	5.20	0.0440	1.53	.001566	0.132
	1400			EMB	.000800	0.	0.120	0.00300	0.877	0.1000	.001000	0.334	0.00500	2.65	0.00500	2.65	0.00500	0.820
10	2/21	2/03		EMA	-0.00170	0.1000	-3.43	-0.0117	-0.417	-0.980	.002998	-0.680	0.0553	-1.05	0.228	-0.948	.008200	-0.821
	1968			ESS	-0.00110	1.68	0.565	.003600	1.09	0.590	-0.00100	0.669	-0.00548	2.98	-0.0704	3.18	.005000	0.948
				VAR	.000037	9.22	3.61	.000031	0.0484	0.272	.000005	0.307	.009127	7.64	0.0487	8.97	.000085	0.105

TEST NO	HOUR DATE YEAR	MA-CHINE TAPE		DC VOLTAGE 10V	250V	1000MV	RESISTANCE 10K	0.1M	FREQ 1000K	1000KHZ	AC VOLTAGE 400 HZ 10VRMS	50 HZ 10VRMS	250VRMS	10 KHZ 10VRMS	250VRMS	1000 KHZ 10VRMS	PULSE TRAIN
	0900		BMB	.001000	0.	0.1000	0.00300	0.892	0.1000	.000800	0.347	0.00300	2.58	0.00300	2.58	0.00300	0.800
11	2/27	2/05	BMA	-0.00200	0.1000	-2.48	-0.00730	-0.320	-0.400	.003198	-0.664	0.0412	-1.05	0.232	-0.975	-0.0153	-6.60
	1968		BSS	-0.00163	1.68	0.110	.004700	1.05	0.300	-0.00125	0.669	-0.00021	2.95	-0.0726	3.14	.003000	9.15
			VAR	.000031	9.22	7.36	.000019	0.0286	0.113	.000005	0.309	.009515	7.74	0.0505	9.27	.001766	33.9
	1100		BMB	.001000	0.1000	0.720	0.00300	0.897	0.300	.001000	0.346	0.00340	2.59	0.00340	2.59	0.00340	0.731
12	2/27	2/01	BMA	-0.00220	-0.00000	-4.16	-0.0129	-0.351	-0.140	.002998	-0.687	0.0368	-1.08	0.226	-0.983	-0.00120	-1.78
	1968		BSS	-0.00193	1.79	1.22	.004600	1.07	0.370	-0.00100	0.670	.003353	2.94	-0.0700	3.15	.003400	1.63
			VAR	.000056	8.60	5.55	.000031	0.0344	0.0197	.000005	0.310	.009402	7.65	0.0503	9.20	.000938	2.57
	1100		BMB	.001000	0.300	0.440	0.00400	0.902	0.300	.001000	0.394	0.00640	3.33	0.00640	3.33	0.00640	1.06
13	2/28	5/01	BMA	-0.00000	-0.200	-3.34	.004600	-1.55	-1.62	.002998	-0.801	0.0429	-2.96	0.198	-2.95	0.0228	-1.06
	1968		BSS	.001767	1.90	0.310	.003450	1.68	1.11	-0.00025	0.823	.006670	4.15	-0.0604	3.80	.006400	1.08
			VAR	.000013	7.44	7.83	.000007	0.667	0.745	.000002	0.555	.005137	5.19	0.0385	1.55	.000214	.005676
	1200		BMB	.001000	0.200	0.200	0.00300	0.905	0.700	.001000	0.389	0.00300	3.35	0.00300	3.35	0.00300	1.03
14	2/27	5/05	BMA	.002000	-0.00000	-3.05	.008000	-1.54	-1.8	.002998	-0.706	0.0455	-3.03	0.201	-2.99	0.0357	-1.03
	1968		BSS	.001335	1.77	0.0800	.001500	1.67	1.11	-0.00030	0.818	.002969	4.21	-0.0639	3.83	.003000	1.07
			VAR	.000033	7.79	5.86	.000018	0.658	0.99	.000002	0.508	.004976	5.28	0.0386	1.64	.000051	0.0108
	0800		BMB	.001000	0.	0.1000	0.00300	0.879	0.0830	.001000	0.355	0.00320	2.72	0.00320	2.72	0.00320	0.837
15	3/01	2/05	BMA	-0.00200	0.110	-3.41	-0.00780	-0.315	-0.350	.002998	-0.686	0.0447	-1.11	0.236	-1.02	0.0130	-3.53
	1968		BSS	-0.00140	1.69	0.920	.004600	1.04	0.230	-0.00095	0.668	-0.00188	3.07	-0.0737	3.27	.003200	2.89
			VAR	.000046	9.42	5.67	.000522	0.0279	0.0290	.000004	0.316	0.0100	7.88	0.0527	9.21	.001132	10.2
	1000		BMB	.000800	0.0600	0.140	0.00300	0.899	0.1000	.001000	0.349	0.00460	2.62	0.00460	2.62	0.00460	0.819
16	3/01	2/05	BMA	-0.00180	0.0400	-3.45	-0.0130	-0.331	-0.880	.003098	-0.685	0.0380	-1.06	0.229	-1.03	0.0408	-1.71
	1968		BSS	-0.00147	1.75	0.959	.006250	1.06	0.540	-0.00105	0.671	.002031	2.97	-0.0715	3.19	.004600	1.57
			VAR	.000042	9.16	3.80	.000034	0.0305	0.236	.000005	0.308	.009400	7.70	0.0512	9.24	.001906	2.23
	1100		BMB	.000800	0.0800	0.160	0.00300	0.904	0.1000	.001000	0.352	0.00500	2.57	0.00500	2.57	0.00500	0.810
17	3/01	2/05	BMA	-0.00140	0.0200	-3.45	-0.0135	-0.294	-0.700	.003298	-0.687	0.0397	-1.05	0.227	-1.00	0.0392	-0.811
	1968		BSS	-0.00187	1.75	0.570	.006350	1.09	0.450	-0.00115	0.674	.000345	2.93	-0.0706	3.15	.005000	0.929
			VAR	.000040	8.88	3.82	.000036	0.0247	0.196	.000006	0.308	.009117	7.76	0.0507	9.29	.001568	0.0843
	1200		BMB	.001000	0.0600	0.180	0.00300	0.896	0.1000	.001000	0.348	0.00500	2.57	0.00500	2.57	0.00500	0.809
18	3/01	2/05	BMA	-0.00130	0.0400	-3.41	-0.0147	-0.316	-0.900	.003198	-0.684	0.0415	-1.04	0.230	-0.923	0.0176	-1.95
	1968		BSS	-0.00170	1.71	0.560	.006650	1.05	0.550	-0.00110	0.671	.000906	2.93	-0.0719	3.13	.005000	1.74
			VAR	.000036	8.69	3.86	.000046	0.0280	0.243	.000005	0.309	.009959	7.93	0.0519	9.16	.001167	3.43
	1400		BMB	.001000	0.200	0.300	0.00300	0.911	0.200	.001000	0.382	0.00300	3.27	0.00300	3.27	0.00300	1.01
19	3/01	5/03	BMA	.002000	-0.0800	-3.16	.007500	-1.52	-1.30	.002998	-0.795	0.0362	-3.05	0.190	-2.91	0.0283	-1.01
	1968		BSS	.000500	1.84	0.155	.001800	1.67	0.850	-0.00025	0.812	.003809	4.13	-0.0603	3.76	.005000	1.03
			VAR	.000063	8.18	6.29	.000018	0.438	0.476	.000002	0.512	.003295	5.17	0.0334	1.65	.000039	.004693
	1200		BMB	.001000	0.300	0.300	0.00300	0.918	0.200	.001000	0.383	0.00300	3.25	0.00300	3.25	0.00300	1.01
20	3/04	5/03	BMA	.002000	-0.00000	-3.07	.009800	-1.51	-1.38	.002998	-0.801	0.0343	-3.16	0.182	-3.08	0.0342	-1.01
	1968		BSS	.001400	1.73	0.120	.001550	1.67	0.850	-0.00030	0.818	.004177	4.18	-0.0580	3.77	.003000	1.04
			VAR	.000031	7.59	6.24	.000030	0.630	0.450	.000002	0.513	.003301	5.23	0.0325	1.66	.000323	.005473

TEST NO	HOUR DATE YEAR	MACHINE TAPE		DC VOLTAGE 10V	DC VOLTAGE 250V	DC VOLTAGE 1000MV	RESISTANCE 10K	RESISTANCE 0.1K	RESISTANCE 1000K	FREQ 1000KHZ	AC VOLTAGE 400 HZ 10VRMS	AC VOLTAGE 50 HZ 10VRMS	AC VOLTAGE 50 HZ 250VRMS	AC VOLTAGE 10 KHZ 10VRMS	AC VOLTAGE 10 KHZ 250VRMS	AC VOLTAGE 1000 KHZ 10VRMS	PULSE TRAIN
	1000		EMB	.001000	0.1000	0.040	0.00300	0.093	0.300	.001000	0.346	0.00620	2.61	0.00620	2.61	0.00620	0.873
21	3/08	2/01	EMA	-0.00270	-0.00000	-4.25	-0.0168	-0.367	-0.240	.003098	-0.685	0.0451	-1.13	0.209	-1.04	0.0125	-0.873
	1960		ESS	-0.00143	1.25	1.33	.001650	1.08	0.420	-0.00065	0.669	.000760	2.97	-0.0641	3.19	.006200	0.972
			VAR	.000049	8.60	5.93	.000095	0.0374	0.0218	.000004	0.312	.008577	7.66	0.0432	9.17	.000580	0.0636
	1100		EMB	.000800	0.1000	1.02	0.00300	0.091	0.300	.001000	0.349	0.00620	2.64	0.00620	2.64	0.00620	0.892
22	3/08	2/01	EMA	-0.00210	-0.00000	-4.79	-0.0140	-0.383	-0.500	.003198	-0.686	0.0452	-1.14	0.212	-1.04	0.0121	-0.893
	1960		ESS	-0.00140	1.75	1.76	.006500	1.08	0.550	-0.00100	0.671	-0.00008	3.00	-0.0647	3.22	.006200	0.984
			VAR	.000048	8.60	6.48	.000046	0.0410	0.0917	.000005	0.313	.008180	7.64	0.0436	9.18	.000711	0.0592
	1200		EMB	.001000	0.1000	1.28	0.00300	0.092	0.300	.001000	0.348	0.00500	2.67	0.00500	2.67	0.00500	0.917
23	3/08	2/01	EMA	-0.00230	-0.00000	-4.93	-0.0141	-0.358	-0.500	.003098	-0.683	0.0511	-1.16	0.217	-1.06	.002300	-0.918
	1960		ESS	-0.00240	1.75	1.95	.006600	1.07	0.590	-0.00105	0.669	-0.00229	3.05	-0.0670	3.25	.005000	1.02
			VAR	.000084	8.69	7.36	.000039	0.0357	0.165	.000005	0.310	.009629	7.91	0.0463	9.39	.000066	0.0649
	1300		EMB	.001000	0.1000	0.060	0.00300	0.095	0.300	.001000	0.397	0.00540	2.61	0.00540	2.61	0.00540	0.877
24	3/08	2/01	EMA	-0.00230	-0.00000	-4.35	-0.0139	-0.363	-0.460	.003198	-0.688	0.0516	-1.09	0.213	-0.933	.000500	-0.877
	1960		ESS	-0.00197	1.75	1.16	.006350	1.08	0.510	-0.00105	0.677	-0.00177	2.96	-0.0657	3.17	.005400	0.981
			VAR	.000059	8.60	6.20	.000039	0.0366	0.0590	.000005	0.307	0.0106	7.89	0.0457	9.43	.000077	0.0706
	1000		EMB	.001000	0.0800	0.180	0.00100	0.092	0.1000	.001000	0.349	0.00500	2.64	0.00500	2.64	0.00500	0.927
25	3/11	3/05	EMA	-0.00200	0.0200	-3.48	-0.0145	-0.346	-1.10	.002998	-0.687	0.0302	-1.18	0.220	-1.07	-0.00440	-3.69
	1960		ESS	-0.00160	1.77	0.600	.006350	1.07	0.650	-0.00090	0.672	-0.00071	3.07	-0.0687	3.22	.005000	2.97
			VAR	.000038	9.09	3.86	.000047	0.0334	0.741	.000004	0.309	0.0112	8.01	0.0505	9.37	.000289	7.00
	1300		EMB	.001000	0.200	0.220	0.00300	0.900	0.200	.001000	0.391	0.00300	3.25	0.00300	3.25	0.00300	1.01
26	3/12	5/09	EMA	.002300	-0.0200	-2.08	0.0105	-1.51	-1.92	.003097	-0.800	0.0451	-3.04	0.230	-3.01	0.0669	-1.01
	1960		ESS	.000767	1.76	-0.0450	.000990	1.66	1.16	-0.00075	0.820	.001369	4.15	-0.0638	3.75	.003000	1.04
			VAR	.000029	7.62	6.20	.000021	0.617	1.08	.000003	0.906	.005235	5.30	0.0388	1.59	.000498	0.0115
	1200		EMB	.001000	0.300	0.440	0.00420	0.925	0.300	.001000	0.393	0.00600	3.27	0.00600	3.27	0.00600	1.04
27	3/13	5/01	EMA	-0.00000	-0.250	-3.47	.009200	-1.52	-1.30	.002998	-0.805	0.0351	-3.05	0.195	-2.98	0.0315	-1.05
	1960		ESS	.002731	1.92	0.250	.002600	1.60	0.950	-0.00030	0.825	[illegible]	4.15	-0.0598	3.76	.006000	1.06
			VAR	.000025	7.92	7.88	.000027	0.639	0.476	.000002	0.909	.004839	5.19	0.0375	1.57	.000311	.003268
	1000		EMB	.001000	0.300	0.420	0.00420	0.923	0.300	.001000	0.397	0.00600	3.23	0.00600	3.23	0.00600	1.03
28	3/14	5/01	EMA	-0.00000	-0.320	-3.61	.006300	-1.54	-1.50	.003198	-0.805	0.0356	-3.04	0.208	-2.99	0.0205	-1.03
	1960		ESS	.002200	1.96	0.105	.002900	1.69	1.05	-0.00060	0.829	.008631	4.11	-0.0642	3.73	.006000	1.05
			VAR	.000021	7.64	8.04	.000011	0.660	0.658	.000002	0.911	.004402	5.17	0.0402	1.54	.000093	.003830
	1100		EMB	.001000	0.300	0.420	0.00420	0.924	0.300	.001000	0.394	0.00540	3.28	0.00540	3.28	0.00540	1.04
29	3/14	5/01	EMA	-0.00000	-0.280	-3.37	.006600	-1.51	-1.32	.003098	-0.804	0.0381	-3.11	0.206	-3.07	0.0220	-1.06
	1960		ESS	.000913	1.94	0.130	.003250	1.68	0.960	-0.00035	0.825	.007965	4.19	-0.0649	3.78	.005400	1.07
			VAR	.000041	7.57	8.34	.000054	0.630	0.489	.000002	0.909	.004795	5.23	0.0407	1.56	.000016	.004862
	1200		EMB	.001000	0.300	0.[illegible]	0.00420	0.907	0.300	.001000	0.394	0.00520	3.30	0.00520	3.30	0.00520	1.05
30	3/14	5/01	EMA	-0.00030	-0.230	-3.50	.007300	-1.49	-1.50	.003098	-0.804	0.0413	-3.09	0.205	-3.00	0.0173	-1.05
	1960		ESS	.002333	1.92	0.225	.002800	1.65	1.05	-0.00039	0.824	.006197	4.19	-0.0640	3.80	.005200	1.07
			VAR	.000020	7.49	8.38	.000014	0.621	0.629	.000002	0.905	.005092	5.23	0.0602	1.61	.000037	.004900

TEST NO	HOUR DATE YEAR	MA-CHINE TAPE		DC VOLTAGE 10V	250V	1000MV	RESISTANCE 10K	0.1K	1000K	FREQ 1000KHZ	AC VOLTAGE 400 HZ 10VRMS	50 HZ 10VRMS	250VRMS	10 KHZ 10VRMS	250VRMS	1000 KHZ 10VRMS	PULSE TRAIN
	1300		EMB	.001000	0.300	0.460	0.00400	0.920	0.300	.001000	0.394	0.00500	3.33	0.00500	3.33	0.00500	1.06
31	3/14	5/01	EMA	-0.00000	-0.220	-3.52	.005300	-1.52	-1.62	.002998	-0.804	0.0427	-3.13	0.203	-3.05	0.0354	-1.06
	1968		ESS	.002500	1.41	0.215	.003500	1.68	1.11	-0.00035	0.823	.005667	4.23	-0.0635	3.83	.005000	1.08
			VAR	.000028	7.47	8.56	.000013	0.639	0.797	.000002	0.505	.005160	5.27	0.0394	1.59	.000687	.003705
	0900		EMB	.001000	0.300	0.460	0.00400	0.910	0.300	.001000	0.391	0.00620	3.16	0.00620	3.16	0.00620	1.01
32	3/15	5/01	EMA	-0.00020	-0.180	-3.52	.007700	-1.57	-1.52	.003298	-0.803	0.0392	-2.98	0.207	-2.89	0.0845	-1.01
	1968		ESS	.003100	1.97	0.290	.002500	1.70	1.06	-0.00050	0.823	.006690	4.04	-0.0628	3.66	.006200	1.03
			VAR	.000029	7.70	7.89	.000020	0.687	0.658	.000003	0.512	.004629	5.19	0.0393	1.61	.000346	.002118
	0900		EMB	.001000	0.200	0.300	0.00380	0.918	0.200	0.00120	0.389	0.00320	3.15	0.00320	3.15	0.00320	0.987
33	3/18	5/03	EMA	.001700	-0.00000	-3.17	.005400	-1.55	-1.50	.002898	-0.801	0.0431	-2.94	0.203	-2.89	.008500	-0.987
	1968		ESS	.001700	1.78	0.165	.002800	1.69	0.990	-0.00015	0.822	.003913	4.00	-0.0637	3.64	.003200	1.01
			VAR	.000031	7.89	6.27	.000017	0.666	0.661	.000002	0.511	.004989	5.26	0.0387	1.61	.000355	.005390
	1000		EMB	.001000	0.200	0.280	0.00300	0.919	0.180	.001000	0.391	0.00300	3.21	0.00300	3.21	0.00300	0.999
34	3/18	5/05	EMA	.002000	-0.0200	-3.01	.004900	-1.50	-1.62	.002998	-0.803	0.0450	-3.03	0.201	-3.00	0.0562	-1.000
	1968		ESS	.001800	1.77	0.0600	.001900	1.67	0.990	-0.00025	0.824	.003104	4.10	-0.0643	3.72	.003000	1.02
			VAR	.000045	7.67	6.33	.000006	0.628	0.738	.000002	0.512	.005412	5.34	0.0400	1.57	.001104	.002837
	1200		EMB	.001000	0.180	0.220	0.00300	0.911	0.200	.001000	0.387	0.00300	3.18	0.00300	3.18	0.00300	0.987
35	3/18	5/05	EMA	.002100	0.0200	-2.98	.009500	-1.50	-1.22	.002998	-0.801	0.0421	-3.10	0.198	-3.03	0.0370	-0.987
	1968		ESS	.001033	1.73	-0.00000	.001300	1.66	0.810	-0.00025	0.820	.003461	4.10	-0.0634	3.71	.003000	1.02
			VAR	.000034	7.69	6.22	.000032	0.623	0.550	.000002	0.509	.004859	5.32	0.0389	1.62	.000504	.009736
	1300		EMB	.001000	0.200	0.300	0.00300	0.896	0.200	.001000	0.388	0.00300	3.17	0.00300	3.17	0.00300	0.991
36	3/18	5/05	EMA	.002100	-0.00000	-2.94	0.0119	-1.47	-1.34	.002998	-0.803	0.0388	-3.14	0.195	-3.09	0.0632	-0.991
	1968		ESS	.001133	1.74	0.0250	.000800	1.63	0.870	-0.00035	0.821	.004472	4.11	-0.0626	3.70	.003000	1.01
			VAR	.000030	7.44	6.49	.000036	0.603	0.500	.000002	0.509	.004502	5.28	0.0382	1.55	.000140	.002852
	1500		EMB	.001000	0.200	0.300	0.00300	0.894	0.200	.001000	0.388	0.00300	3.20	0.00300	3.20	0.00300	0.998
37	3/18	5/05	EMA	.002000	-0.0200	-2.97	0.0118	-1.45	-1.62	.002998	-0.805	0.0397	-3.18	0.191	-3.13	0.0364	-1.15
	1968		ESS	.001967	1.75	0.0350	.000800	1.62	1.01	-0.00035	0.822	.004857	4.15	-0.0616	3.73	.003000	1.13
			VAR	.000030	7.48	6.53	.000034	0.586	0.757	.000002	0.509	.004941	5.26	0.0370	1.51	.000326	0.0743
	1300		EMB	.001000	0.200	0.280	0.00300	0.900	0.200	.001000	0.389	0.00300	3.18	0.00300	3.18	0.00300	0.989
38	3/19	5/05	EMA	.002200	-0.00000	-2.90	0.0125	-1.46	-1.18	-4.72	-0.802	0.0393	-3.17	0.191	-3.13	0.0409	-0.990
	1968		ESS	.001800	1.75	-0.0200	.000550	1.63	0.790	2.36	0.818	.004593	4.14	-0.0613	3.71	.003000	1.02
			VAR	.000045	7.54	6.39	.000038	0.594	0.394	111.	0.509	.004727	5.28	0.0367	1.52	.000049	.008553
	0800		EMB	.001000	0.200	0.300	0.00400	0.889	0.220	.001000	0.389	0.00320	3.15	0.00320	3.15	0.00320	0.986
39	3/20	5/03	EMA	.001000	0.00000	-2.57	.006200	-1.50	-5.24	.002998	-0.804	0.0420	-2.97	0.236	-2.94	0.0315	-0.986
	1968		ESS	.002733	1.79	-0.160	.002800	1.64	1.84	-0.00035	0.828	.003238	4.03	-0.0750	3.66	.003200	1.01
			VAR	.000044	7.99	8.06	.000011	0.628	3.03	.000002	0.519	.005039	5.18	0.0721	1.62	.000578	.003798
	1000		EMB	.001000	0.200	0.300	0.00400	0.901	0.200	.001000	0.390	0.00300	3.18	0.00300	3.18	0.00300	0.993
40	3/20	5/03	EMA	.002300	-0.00000	-2.84	.007100	-1.47	-2.34	.002998	-0.806	0.0430	-3.04	0.193	-2.99	-0.0117	-0.993
	1968		ESS	.001700	1.79	-0.0250	.003650	1.63	1.37	-0.00031	0.826	.003141	4.09	-0.0613	3.69	.003000	1.02
			VAR	.000041	7.59	6.52	.000021	0.596	1.67	.000002	0.514	.005270	5.19	0.0373	1.56	.000351	.006025

TEST NO	HOUR DATE YEAR	MA-CHINE TAPE		DC VOLTAGE 10V	250V	1000MV	RESISTANCE 10K	0.1K	1000K	FREQ 1000KHZ	AC VOLTAGE 400 HZ 10VRMS	50 HZ 10VRMS	250VRMS	10 KHZ 10VRMS	250VRMS	1000 KHZ 10VRMS	PULSE TRAIN
	1100		EMB	.001000	0.200	0.300	0.00400	0.966	0.200	.001000	0.389	0.00340	3.19	0.00340	3.19	0.00340	0.997
41	3/20	5/03	EMA	.002100	-0.00000	-2.86	.009400	-1.45	-1.90	.003098	-0.808	0.0422	-3.09	0.190	-3.02	-0.00700	-0.997
	1968		ESS	.000567	1.75	-0.0150	.002700	1.63	1.15	-0.00030	0.827	.003255	4.12	-0.0606	3.72	.003400	1.02
			VAR	.000020	7.59	6.52	.000027	0.586	1.05	.000002	0.517	.005095	5.21	0.0369	1.61	.000426	.004380
	1200		EMB	.001000	0.200	0.300	0.00380	0.895	0.200	.001000	0.386	0.00380	3.19	0.00380	3.19	0.00380	0.996
42	3/20	5/03	EMA	-0.0896	-2.76	-4.11	0.0117	-1.30	-1.31	.003298	-0.857	0.0356	-3.17	0.183	-2.98	-0.0182	-0.996
	1968		ESS	0.0591	1.74	0.385	.001750	[illegible]	0.854	-0.00055	0.857	.005651	4.13	-0.0584	3.69	.003800	1.02
			VAR	0.0201	50.2	15.4	.000038	0.496	0.484	.000003	0.531	.004207	5.17	0.0371	1.70	.000363	.003371
	1000		EMB	.001000	0.200	0.220	0.00300	0.848	0.200	.001000	0.391	0.00300	3.26	0.00300	3.26	0.00300	1.01
43	3/21	5/03	EMA	.002200	-0.00000	-3.01	.007100	-1.51	-1.60	.002998	-0.802	0.0460	-3.07	0.198	-3.00	0.0312	-1.01
	1968		ESS	.001600	1.77	.004999	.001850	1.60	1.00	-0.00040	0.823	.001379	4.18	-0.0630	3.76	.003000	1.06
			VAR	.000040	7.79	6.28	.000014	0.630	0.760	.000002	0.509	.005460	5.27	0.0385	1.62	.000048	0.0296
	1300		EMB	.001000	0.1000	0.300	0.00300	0.899	0.1000	.001000	0.356	0.00500	2.72	0.00500	2.72	0.00500	0.957
44	3/26	2/03	EMA	-0.00200	-0.00000	-3.61	-0.0143	1.62	-1.22	.003198	-0.688	0.0527	-1.21	0.241	-1.23	-0.0105	-0.958
	1968		ESS	-0.00190	1.79	0.745	.005950	0.0902	0.710	-0.00100	0.671	.002714	2.97	-0.0753	3.31	.005000	0.965
			VAR	.000050	8.97	4.10	.000047	0.729	0.423	.000005	0.299	0.0155	9.43	0.0606	10.00	.001414	0.0764
	1400		EMB	.000800	0.1000	0.520	0.00320	0.896	0.300	.001000	0.360	0.00800	2.72	0.00800	2.72	0.00800	0.885
45	3/27	2/01	EMA	-0.00190	-0.00000	-3.86	-0.0148	0.0538	-1.46	.002998	-0.693	0.0474	-1.05	0.231	-0.970	-0.0267	-0.886
	1968		ESS	-0.00187	1.75	0.900	.006900	0.869	1.03	-0.00090	0.675	.003142	2.98	-0.0693	3.25	.008000	0.992
			VAR	.000046	8.60	5.26	.000044	.000856	0.638	.000004	0.299	0.0149	7.81	0.0585	8.65	.001176	0.0740
	1200		EMB	.001000	0.1000	0.300	0.00300	0.902	0.1000	.001000	0.363	0.00500	2.67	0.00500	2.67	0.00500	0.848
46	3/28	2/05	EMA	-0.00200	-0.00000	-3.61	-0.0158	0.0742	-1.58	.003198	-0.694	0.0519	-2.46	0.228	-2.62	.000100	-0.848
	1968		ESS	-0.00153	1.78	0.740	.006800	0.865	0.890	-0.00100	0.679	-0.00043	3.52	-0.0751	3.50	.005000	0.957
			VAR	.000037	8.91	4.13	.000052	.002621	0.697	.000005	0.300	0.0155	11.9	0.0628	15.1	.001967	0.0760
	0900		EMB	.001000	0.1000	0.390	0.00300	0.897	0.300	.001000	0.362	0.00780	2.90	0.00780	2.90	0.00780	0.923
47	3/29	2/01	EMA	-0.00210	-0.00000	-4.71	-0.0132	[illegible]	-1.24	.003298	-0.698	0.0421	-2.91	0.227	-2.56	-0.00980	-0.923
	1968		ESS	-0.00190	1.78	1.15	.006150	[illegible]	0.920	-0.00110	0.682	.005512	3.99	-0.0701	3.69	.007800	1.01
			VAR	.000053	8.86	8.99	.000036	[illegible]	0.440	.000005	0.304	0.0132	14.3	0.0567	14.9	.001784	0.0815
	1200		EMB	.001000	0.0800	0.300	0.00300	0.723	0.1000	.001000	0.357	0.00500	2.73	0.00500	2.73	0.00500	0.849
48	3/29	2/03	EMA	-0.00205	0.0200	-3.61	-0.0146	0.0776	-1.22	.003018	-0.693	0.0467	-1.96	0.227	-1.99	0.0318	-4.52
	1968		ESS	-0.00105	1.77	0.735	.006450	0.684	0.710	-0.00088	0.677	.003232	3.25	-0.0716	3.38	.005000	3.99
			VAR	.000028	9.09	4.15	.000045	0.153	0.423	.000004	0.303	0.0132	10.3	0.0548	11.0	.002974	35.8

Appendix D
ANALYSIS OF VARIANCE PROGRAM PRINTOUTS IN MACHINE LANGUAGE

```
C          GENERAL ANOVA PROGRAM
C                                        CASE WESTERN RESERVE UNIVERSITY
      INTEGER RPRN,BLANK,PLUS
      DIMENSION(101),LINE(67),NAME(27),IVAN(43),SUMC(10),SUMR(10),Y(11,1
     101,Z(8,8,8),SUMCS(10),SUMRS(10),SUMRC(10),DSUM1(10,1),DSUM2(10,10
     21,DSUM3(10,10),X(512)
      EQUIVALENCE (Y(1,1),DSUM1(1,1),DSUM2(1,1),DSUM3(1,1)),
     1(SUMC(1),SUMRC(1),SUMRS(1),SUMCS(1),Q(1),(X(1),Z(1,1,1))
      DATA (PRN,RPRN,BLANK,PLUS /1H(, 1H), 1H , 1H+ /
  881 FORMAT( I4, I9,2I2,  12F10.3 /(11X,12F10.3) )
  800 FORMAT(67A1)
  801 FORMAT(4A1)
  802 FORMAT(27A1)
  803 FORMAT( 1HL,8H  SOURCE,10X,4HS.S.,12X,4HD.F.,14X,4HM.S. )
  804 FORMAT( 1HL, 2X,3A1,7X,F15.7,I10,7X,F15.7)
  806 FORMAT(1HL, 7H  ERROR, 5X, F15.8, I10, 7X, F15.8 )
  809 FORMAT(///9(1X,F12.4))
  805 FORMAT( 1HL, 7H  MODEL, 5X, 67A1 )
  807 FORMAT( 1HL,  7H  TOTAL, 5X, F15.8, I10 )
  808 FORMAT(//  30H  ERROR IN NT OR WRITE ROUTINE )
  810 FORMAT( 1HL, 23H RESPONSE VARIABLE DATA )
  811 FORMAT(//2X,3A1,7X,F15.7,I10(
  895 FORMAT(5I9)
  896 FORMAT(4I9)
  897 FORMAT(7F10.4)
  898 FORMAT(14I5)
  899 FORMAT(3I9)
   20 FORMAT( 51H THE INFORMATION IN THE MODEL OR IN THE DATA IS NOT
     2 9H        31H CONSISTENT.  CHECK YOUR INPUT. )

      READ(5,800)  LINE                                                 1
 1000 CONTINUE
      DO 950 J=1,27
  950 NAME(J) = BLANK
C     COUNT INDICES
      IF(LINE(2)-LPRN)940,901,940
  940 WRITE(6,808)                                                      12
      CALL EXIT                                                         13
  901 DO 902 I=3,66
      IF(LINE(I)-RPRN)902,903,902
  902 CONTINUE
  903 NO1=I-3
C     CHECK FOR REPLICATION
      DO 904 I=2,67
      IF(LINE(I)-BLANK)904,905,904
  904 CONTINUE
  900 WRITE(6,20)                                                       33
      CALL EXIT                                                         34
  905 I=I-2
      IF(LINE(I)-RPRN)907,906,907
  906 NO2=1
      GO TO 908
  907 NO2=2
  908 CONTINUE
C     COUNT TERMS
```

```
      NO6=0
      DO 909 I=3,66
      IF(LINE(I)-PLUS)909,910,909
  910 NO6=NO6+1
  909 CONTINUE
C     IDENTIFY TYPE
      IF(NO2-1)914,911,914
  911 IF(NO6-2)912,917,912
  912 IF(NO6-4)913,918,913
  913 IF(NO6-8)940,919,940
  914 IF(NO2-NO1)915,920,915
  915 IF(NO6-4)940,921,940
  917 NT=1
      GO TO 923
  918 NT=3
      GO TO 923
  919 NT=5
      GO TO 923
  920 NT=2
      GO TO 923
  921 NT=4
      GO TO 923
  923 NO4=1
C     READ MODEL NAMES
      NO5=NO6-1
      DO 931 I=3,66
      IF(LINE(I)-PLUS)931,924,931
  924 J=I+1
      DO 925 K=J,66
      IF(LINE(K)-LPRN)925,926,925
  925 CONTINUE
      GO TO 940
  926 K=K-1
      DO 927 I=J,K
      NAME(NO4)=LINE(I)
  927 NO4=NO4+1
      NO5=NO5-1
      IF(NO5)940,932,928
  928 IF(K-J-1)929,930,900
  929 K=K+1
      NO4=NO4+1
      GO TO 928
  930 NO4=NO4+1
  931 CONTINUE
  932 GO TO (1,2,3,4,5),NT
    1 READ(5,899)N,II,JJ                                          112
      IF(II*JJ-N)900,102,100
  100 READ(5,898)(VAN(J),J=1,JJ)                                  117
      IOOR=0
      DO 101 I=1,JJ
  101 IOOR=IOOR+IVAN(I)
  102 READ(5,897)((Y(I,J),J=1,JJ),I=1,II)                         133
      IF(II*JJ-N)900,103,17
    2 READ(5,899)N,II,JJ                                          144
      READ(5,897)((Y(I,J),J=1,JJ),I=1,II)                         146
  103 CONTINUE
```

```
      DO 104 I=1,II
  104 IVAN(I)=II
   17 DSUM=0.
      WRITE(6,813)
      WRITE(6,809)((Y(I,J),J=1,JJ),I=1,II)
      IGOR=N
      ZIGOR = IGOR
      DO 105 I=1,II
      DO 105 J=1,JJ
  105 DSUM=DSUM+Y(I,J)**2
      TSUM=0.
      DO 106 I=1,II
      DO 106 J=1,JJ
  106 TSUM=TSUM+Y(I,J)
      TSUM=(TSUM**2)/ZIGOR
      DO 107 J=1,JJ
  107 SUMC(J)=0.
      DO 108 J=1,JJ
      DO 108 I=1,II
  108 SUMC(J)=SUMC(J)+Y(I,J)
      CSUM=0.
      DO 109 J=1,JJ
      ZIVAN = IVAN(J)
  109 CSUM = CSUM + SUMC(J)**2 / ZIVAN
      GO TO (6,7,900,7,900),NT
    6 NUT=IGOR-1
      NUC=JJ-1
      NUE=IGOR-JJ
      SST=DSUM-TSUM
      SSC=CSUM-TSUM
      SSE=SST-SSC
      ZNUC = NUC
      ZNUE = NUE
      DSC=SSC/ZNUC
      DSE=SSE/ZNUE
      GO TO 700
    7 DO 203 I=1,II
  203 SUMR(I)=0.
      DO 200 I=1,II
      DO 200 J=1,JJ
  200 SUMR(I)=SUMR(I)+Y(I,J)
      RSUM=0.
      DO 201 I=1,II
  201 RSUM=RSUM+SUMR(I)**2
      ZJJ = JJ
      RSUM=RSUM/ZJJ
      GO TO (900,202,900,409,900,900),NT
  202 SST=DSUM-TSUM
      SSC=CSUM-TSUM
      SSR=RSUM-TSUM
      SSE=SST-SSC-SSR
      NUT=IGOR-1
      NUC=JJ-1
      NUR=II-1
      NUE=NUC*NUR
      ZNUR = NUR
```

```
      ZNUC = NUC
      ZNUR = NUR
      DSR=SSR/ZNUR
      DSC=SSC/ZNUC
      DSF=SSF/ZNUF
      GO TO 700
    1 READ(5,890)N,II,JJ,KK
      READ(5,897)(((Z(I,J,K),K=1,KK),J=1,JJ),I=1,II)                    270
      IMAX=II                                                           275
      JMAX=JJ
      KMAX=KK
      WRITE(6,812)
      WRITE(6,809)(((Z(I,J,K),K=1,KK),J=1,JJ),I=1,II)                   290
      DSUM=0.                                                           291
      DO 300 I=1,II
      DO 300 J=1,JJ
      DO 300 K=1,KK
  300 DSUM=DSUM+Z(I,J,K)**2
      TSUM=0.
      DO 301 I=1,II
      DO 301 J=1,JJ
      DO 301 K=1,KK
  301 TSUM=TSUM+Z(I,J,K)
      ZN = N
      TSUM=TSUM**2/ZN
  812 DO 302 I=1,II
  302 SUMCS(I)=0.
      DO 303 I=1,II
      DO 303 J=1,JJ
      DO 303 K=1,KK
  303 SUMCS(I)=SUMCS(I)+Z(I,J,K)
      CSSUM=0.
      DO 304 I=1,II
  304 CSSUM=CSSUM+SUMCS(I)**2
      ZZ = KK * JMAX
      CSSUM=CSSUM/ZZ
      DO 305 J=1,JJ
  305 SUMRS(J)=0.
      DO 306 J=1,JJ
      DO 306 I=1,II
      DO 306 K=1,KK
  306 SUMRS(J)=SUMRS(J)+Z(I,J,K)
      RSSUM=0.
      DO 307 J=1,JJ
  307 RSSUM=RSSUM+SUMRS(J)**2
      ZZ = KK * IMAX
      RSSUM=RSSUM/ZZ
      DO 308 I=1,II
      DO 308 J=1,JJ
  308 DSUM1(I,J)=0.
      DO 309 I=1,II
      DO 309 J=1,JJ
      DO 309 K=1,KK
  309 DSUM1(I,J)=DSUM1(I,J)+Z(I,J,K)
      SUM1=0.
      DO 310 I=1,II
```

```
      DO 310 J=1,JJ
  310 SUM1=SUM1+SSUM1(I,J)**2
      ZKMAX = KMAX
      SUM1=SUM1/ZKMAX
      GO TO (900,900,13,900,16),NT
   13 SST=DSUM-TSUM
      SSR=CSSUM-TSUM
      SSC=RSSUM-TSUM
      SS1=SUM1-CSSUM-RSSUM+TSUM
      SSE=DSUM-SUM1
      NIT=N-1
      NIR=II-1
      NIC=JJ-1
      NI1=NIC*NIR
      NIE=II*JJ*(KK-1)
      ZNIR = NIR
      ZNIC = NIC
      ZNI1 = NI1
      ZNIE = NIE
      DSR=SSR/ZNIR
      DSC=SSC/ZNIC
      DS1=SS1/ZNI1
      DSE=SSE/ZNIE
      GO TO 700
   16 DO 600 K=1,KK
  600 SUMRC(K)=0.
      DO 601 K=1,KK
      DO 601 I=1,II
      DO 601 J=1,JJ
  601 SUMRC(K)=SUMRC(K)+Z(I,J,K)
      RCSUM=0.
      DO 602 K=1,KK
  602 RCSUM=RCSUM+SUMRC(K)**2
      ZZ = II * JMAX
      RCSUM=RCSUM/ZZ
      DO 603 I=1,II
      DO 603 K=1,KK
  603 DSUM2(I,K)=0.
      DO 604 I=1,II
      DO 604 K=1,KK
      DO 604 J=1,JJ
  604 DSUM2(I,K)=DSUM2(I,K)+Z(I,J,K)
      SUM2=0.
      DO 605 I=1,II
      DO 605 K=1,KK
  605 SUM2=SUM2+DSUM2(I,K)**2
      ZJMAX = JMAX
      SUM2=SUM2/ZJMAX
      DO 606 J=1,JJ
      DO 606 K=1,KK
  606 DSUM3(J,K)=0.
      DO 607 J=1,JJ
      DO 607 K=1,KK
      DO 607 I=1,II
  607 DSUM3(J,K)=DSUM3(J,K)+Z(I,J,K)
      SUM3=0.
```

```
      DO 608 J=1,JJ
      DO 608 K=1,KK
  608 SUM3=SUM3+SUM3(J,K)**2
      TMAX = TMAX
      SUM3=SUM3/TMAX
      SST=DSUM-TSUM
      SSR=CSSUM-TSUM
      SSC=RSSUM-TSUM
      SSS=RCSUM-TSUM
      SS1=SUM1-CSSUM-RSSUM+TSUM
      SS2=SUM2-CSSUM-RCSUM+TSUM
      SS3=SUM3-RSSUM-RCSUM+TSUM
      GO TO 900

    9 CONTINUE
      N  = 64
      II = 2
      JJ = 3
      KK = 2
      LL = 4
      CALL DATA ( X )
      WRITE(6,813)                                                      547
                                                                        548
      DSUM=0.
      DO 901 L=1,N
  901 DSUM=DSUM+X(L)**2
      TSUM=0.
      DO 902 L=1,N
  902 TSUM=TSUM+X(L)
      FN = N
      TSUM=TSUM**2/FN
      ML=LL
      LLL=LL
      LL=1
      KAP=0

      DO 903 K=1,KK
      DO 903 J=1,JJ
      DO 903 I=1,II
      SUM=0.
      LH = LLL
      DO 904 L=LL,LLL
  904 SUM=SUM+X(L)
      KAP=KAP+1
      WRITE(6,881)  KAP, I, J, K,  ( X(L), L=LL, LLL )                  881
      Y(KAP,1)=SUM
      LL  = LH + 1
      LLL = LH + ML
  903 CONTINUE
      L=0
      DO 910 K=1,KK
      DO 910 J=1,JJ
      DO 910 I=1,II
      L=L+1
      Y(L,J,K) = Y(L,1)
  910 CONTINUE
```

```
ANOVA                                                                    09/05/68
    AVAR        - REN   SOURCE STATEMENT  -  IFN(S)  -
      II=NI
      SUM4=0.
      DO 909 I=1,II
      DO 909 J=1,JJ
      DO 909 K=1,KK
  909 SUM4=SUM4+Z(I,J,K)**2
      ZLL = II
      SUM4=SUM4/ZLL
      KMAX=KK+1
      JMAX=JJ+1
      IMAX=II+1
      GO TO 912
  900 SSA=SUM4-TSUM-SSP-SSC-SS9-SS1-SS2-SS3
      SSP=SS7-SS9-SSC-SS5-SS1-SS2-SS3-SS4
      NUT=N-1
      NUP=II-1
      NUC=JJ-1
      NUS=KK-1
      NU1=NUP*NUC
      NU2=NUP*NUS
      NU3=NUC*NUS
      NU4=NUP*NUC*NUS
      NUP=IIO,JJ*KK*(L' 1)
      ZNUP = NUP
      ZNUC = NUC
      ZNUS = NUS
      ZNU1 = NU1
      ZNU2 = NU2
      ZNU3 = NU3
      ZNU4 = NU4
      ZNUP = NUP
      DSP=SSP/ZNUP
      DSC=SSC/ZNUC
      DS1=SS1/ZNU1
      DS5=SS5/ZNUS
      DS2=SS2/ZNU2
      DS3=SS3/ZNU3
      DS4=SS4/ZNU4
      DSP=SSP/ZNUP
      GO TO 700
    4 READ(9,8261N,II,JJ,LPVFI                                           638
      READ(9,897)((Y(I,J),J=1,JJ),I=1,II)                                639
      GO TO 109
  404 IF(II-JJ)920,400,401
  500 READ(9,898)(IVAN(I),I=1,N)                                         656
      GO TO 411
  401 KMAX=II+JJ
      READ(5,898)(IVAN(L),L=1,KMAX)                                      669
  411 DO 402 L=1,II
  402 SUMRC(L)=0.
      MM=1
      DO 403 I=1,II
      DO 403 J=1,JJ
      L=IVAN(MM)
      SUMRC(L)=SUMRC(L)+Y(I,J)
  403 MM=MM+1
```

```
      IF(II-JJ)430,404,406
  404 RCSUM=0.
      DO 405 L=1,LEVEL
  405 RCSUM=RCSUM+SUMRC(L)**2
      ZII = II
      RCSUM=RCSUM/ZII
      SST=DSUM-TSUM
      SSR=RSUM-TSUM
      SSC=CSUM-TSUM
      SSS=RCSUM-TSUM
      SSP=SST-SSR-SSC-SSS
      NUT=N-1
      NUR=II-1
      NUC=JJ-1
      NUS=NUR
      NUP=NUT-NUR-NUC-NUS
      ZNUR = NUR
      ZNUC = NUC
      ZNUS = NUS
      ZNUP = NUP
      DSR=SSR/ZNUR
      DSC=SSC/ZNUC
      DSS=SSS/ZNUS
      DSP=SSP/ZNUP
      GO TO 700
  406 DO 420 I=1,10
  420 DSUM1(I,10)=0.
      L=2
      LL=JJ
      DO 421 I=1,II
      L=L-1
  422 IF(L-LL)421,423,421
  423 ML=IVAR(L)
      DSUM1(ML,10)=SUMR(L)+DSUM1(ML,10)
      L=L+1
      GO TO 422
  421 LL=LL+JJ
      ZJJ = JJ
      DO 407 L=1,LEVEL
  407 G(L)=ZJJ*SUMRC(L)-DSUM1(L,10)
      SSS=0.
      DO 408 L=1,LEVEL
  408 SSS=SSS+G(L)**2
      LEVEL=(JJ*(JJ-1))/(II-1)
      IFVEL=LEVEL*II*JJ
      ZLEVEL = LEVEL
      SSS=SSS/ZLEVEL
      SST=DSUM-TSUM
      SSR=RSUM-TSUM
      SSC=CSUM-TSUM
      SSP=SST-SSR-SSC-SSS
      NUT=N-1
      NUR=II-1
      NUC=JJ-1
      NUS=NUR
      NUP=NUT-NUR-NUC-NUS
```

```
ANOVA                                                                    09/05/68
    AV4P        -  EFN   SOURCE STATEMENT  -  IFN(S)  -
    ZNUR = NUR
    ZNUC = NUC
    ZNUS = NUS
    ZNUF = NUF
    DSR=SSR/ZNUR
    DSC=SSC/ZNUC
    DSS=SSS/ZNUS
    DSF=SSF/ZNUF
700 WRITE(6,805)LINE                                                     761
    WRITE(6,805)                                                         764
    GO TO (701,702,702,710,702),NT
701 WRITE(6,804)NAME(1),NAME(2),NAME(3),SSC,NUC,DSC                      766
    GO TO 708
710 IF(II-JJ)710,702,711
711 WRITE(6,811)NAME(1),NAME(2),NAME(3),SSR,NUR                          770
    GO TO 712
702 WRITE(6,804)NAME(1),NAME(2),NAME(3),SSR,NUR,DSR                      772
712 WRITE(6,804)NAME(4),NAME(5),NAME(6),SSC,NUC,DSC                      773
    GO TO (709,700,703,704,703),NT
703 WRITE(6,804)NAME(7),NAME(8),NAME(9),SS1,NU1,DS1                      775
    GO TO (709,709,708,709,706),NT
705 WRITE(6,804)NAME(10),NAME(11),NAME(12),SSS,NUS,DSS                   777
    GO TO (709,709,709,708,706),NT
704 WRITE(6,804)NAME(7),NAME(8),NAME(9),SSS,NUS,DSS                      779
    GO TO 708
709 WRITE(6,808)                                                         781
    CALL EXIT                                                            782
706 WRITE(6,804)NAME(13),NAME(14),NAME(15),SS2,NU2,DS2                   783
    WRITE(6,804)NAME(16),NAME(17),NAME(18),SS3,NU3,DS3                   784
    GO TO (709,709,709,709,707),NT
707 WRITE(6,804)NAME(19),NAME(20),NAME(21),SS4,NU4,DS4                   786
708 WRITE(6,804)SSE,NUF,DSF                                              787
    WRITE(6,807)SST,NUT                                                  788
    GO TO 1000
    END
```

INPUT 4 BPN SOURCE STATEMENT - IPN(1) -

```
      SUBROUTINE  DATA ( X )
      DIMENSION  X(48), XDATA(49,14,4), C(4), NORDER(49)
      DATA NBYPAS  / 1 /
C                   1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17
      DATA NORDER1 / 17,01,09,13,14,15,16,25,41,10,18,02,26,42,21,22,23,
     1  18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38
     *  24,35,34,05,06,07,08,19,43,27,29,30,31,32,28,39,49,48,47,46,44,
C       39 40 41 42 43 44 45 46 47 48 XX
     *  37,38,39,40,36,11,03,20,04,12,49 /
C
      GO TO (10,20), NBYPAS
   10 NBYPAS = 2
      JJ = 1
      NN = 1
   14 READ(5,801)  N, M, C
      IF( N .GT. 49 )  GO TO 18
      IF( M .GT. 14 )  CALL EXIT
      MM = NORDER(N)
      DO 16 J=1,4
   16 XDATA(MM,M,J) = C(J)
      GO TO 14
  801 FORMAT( 2I5, 4F10.5 )
   18 WRITE(6,802)
  802 FORMAT( 1H1 )
      WRITE(6,901) ( (N, J, (XDATA(N,M,J),M=1,14), N=1,49 ), J=1,4 )
  901 FORMAT( 1X2I3, 14F8.4 )
C
   20 CONTINUE
      IF( NN .GT. 14 )  GO TO 30
      DO 25 N = 1,48
   25 X(N) = XDATA( N, NN, JJ )
C
      JJ = JJ + 1
      IF( JJ .LT. 5 )  RETURN
      JJ = 1
      NN = NN + 1
      IF( NN .LT. 16 ) RETURN
   30 CONTINUE
      WRITE(6,802)
      WRITE(6,802)
  802 FORMAT( /// 8H END JOB ///// )
      PRINT  802
      CALL EXIT
      RETURN
      END
```

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STORAGE MAP

MAIN PROGRAM

DIMENSIONED PROGRAM VARIABLES

SYMBOL	LOCATION	TYPE	SYMBOL	LOCATION	TYPE	SYMBOL	LOCATION	TYPE
Q	00157	R	LINE	00171	I	NAME	01274	I
IVAN	01377	I	SUMR	00157	R	SUMR	01377	R
Y	00001	R	Z	00171	R	SUMCS	00157	R
SUMRS	00157	R	SUMRC	00157	R	DSUM1	00001	R
DSUM2	00001	R	DSUM3	00001	R	X	00171	R

UNDIMENSIONED PROGRAM VARIABLES

SYMBOL	LOCATION	TYPE	SYMBOL	LOCATION	TYPE	SYMBOL	LOCATION	TYPE
RPRN	01411	I	BLANK	01412	I	PLUS	01413	I
J	01414	I	LPRN	01415	I	I	01416	I
NO1	01417	I	NO2	01420	I	NO6	01421	I
N5	01422	I	NO4	01423	I	NO5	01424	I
P	01425	I	L	01426	I	N	01427	I
II	01430	I	JJ	01431	I	IGOP	01432	I
DSUM	01433	R	ZIQTR	01434	R	TSUM	01435	R
CSUM	01436	R	ZIMAN	01437	R	NUT	01440	I
KOF	01441	I	MIE	01442	I	SST	01443	R
SS	01444	R	SSF	01445	R	ZNUC	01446	R
ZNUM	01447	R	DSC	01450	R	DSE	01451	R
RSUM	01452	R	ZJJ	01453	R	SSP	01454	R
NUL	01455	I	ZNUR	01456	R	DSN	01457	R
KK	01460	I	IMAX	01461	I	JMAX	01462	I
KMAX	01463	I	ZN	01464	R	CSSUM	01465	R
ZZ	01466	R	RSSUM	01467	R	SUM1	01470	R
ZMMAX	01471	R	SS1	01472	R	NU1	01473	I
ZNUV	01474	R	DSI	01475	R	RCSUM	01476	R
SUM2	01477	R	ZJMAX	01500	R	SUM3	01501	R
ZMAX	01502	R	SSS	01503	R	SS2	01504	R
NSS	01505	R	LL	01506	I	NL	01507	I
III	01510	I	KAP	01511	I	SUM	01512	R
SM	01513	I	SUM4	01514	R	ZLL	01515	R
SS4	01516	R	NU5	01517	I	NU2	01520	I
NU3	01521	I	NU4	01522	I	ZNU5	01523	R
ZNU2	01524	R	ZNU3	01525	R	ZNU4	01526	R
DSX	01527	R	DS2	01530	R	DS3	01531	R
DS4	01532	R	LEVEL	01533	I	MM	01534	I
ZTT	01535	R	ZLEVEL	01536	R			

ENTRY POINTS

..... SECTION 3

SUBROUTINES CALLED

.FMOD.	SECTION	4	.FSUT.	SECTION	5	.FWRD.	SECTION	6
RXIT	SECTION	7	DATA	SECTION	8	.FSLD.	SECTION	9

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AVER

STORAGE MAP

.BNCH.	SECTION	10	.UNOP.	SECTION	11	.FPTN.	SECTION	12
.FCNV.	SECTION	13	.UNCA.	SECTION	14	.FFIL.	SECTION	15
F.1	SECTION	16	F.2	SECTION	17	F.3	SECTION	18
F.4	SECTION	19	CC.1	SECTION	20	CC.2	SECTION	21
CC.3	SECTION	22	CC.4	SECTION	23	SYSLOC	SECTION	24

EFI IFN CORRESPONDENCE

EFN	IFN	LOCATION	EFN	IFN	LOCATION	EFN	IFN	LOCATION
801	FORMAT	01505	800	FORMAT	01574	1	FORMAT	01575
802	FORMAT	01576	803	FORMAT	01577	04	FORMAT	01610
806	FORMAT	01616	809	FORMAT	01626		FORMAT	01631
807	FORMAT	01638	808	FORMAT	01644	.0	FORMAT	01653
811	FORMAT	01661	894	FORMAT	01667	896	FORMAT	01666
897	FORMAT	01667	894	FORMAT	01671	899	FORMAT	01672
20	FORMAT	01673	1000	3A	01730	850	3A	01731
940	12A	01740	901	14A	01751	902	20A	01757
903	23A	01761	904	32A	01772	905	35A	02005
906	33A	01774	907	41A	02017	908	39A	02014
909	42A	02021	909	50A	02031	910	49A	02026
914	60A	02050	911	54A	02036	912	56A	02041
917	64A	02057	913	58A	02044	918	66A	02062
919	68A	02065	919	62A	02053	920	70A	02070
921	72A	02073	923	74A	02076	931	108A	02173
924	82A	02111	925	88A	02122	926	91A	02125
927	97A	02141	932	111A	02179	928	102A	02154
929	104A	02161	930	107A	02170	1	112A	02207
2	144A	07325	3	270A	33107	4	638A	05326
5	941A	04543	102	133A	02361	100	1174	02231
101	1288A	07554	103	158A	02372	17	166A	02402
104	1674	02376	105	188A	02435	103	196A	02525
107	2066	02545	108	213A	02873	109	2244	02617
6	2308	02641	7	2388	02712	700	762A	06144
201	2394	02716	200	2494	02743	201	258A	02760
202	2644	03014	469	6944	05400	300	311A	03306
303	3252	03351	312	3314	03377	302	339A	03403
303	3464	03441	304	357A	03460	305	365A	03507
306	374A	03545	307	387A	03564	308	397A	03625
309	4094	03672	310	423A	03723	13	430A	03761
18	437A	04102	600	461A	04106	601	452A	04144
602	463A	04163	603	473A	04274	604	485A	04279
605	498A	04322	606	504A	04364	607	521A	04432
608	534A	04469	500	627A	05112	501	552A	04574
502	560A	04607	503	588A	04741	504	578A	04670
510	604A	05011	505	617A	05052	400	656A	05405
401	664A	05424	411	672A	05445	402	676A	05451
403	691A	05510	404	697A	05525	406	712A	05671
409	701A	05652	420	716A	05672	421	734A	05734
422	725A	05710	423	727A	05714	407	741A	05755
408	748A	06170	701	756A	06177	702	774A	06247
710	764A	06222	708	787A	06551	711	770A	06226
712	778A	06271	709	781A	06640	703	779A	06325
704	774A	06319	705	777A	06361	706	783A	06451
707	788A	06527						

THE FIRST LOCATION NOT USED BY THIS PROGRAM IS 06632.

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THPUT

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SUBROUTINE DATA

DIMENSIONED PROGRAM VARIABLES

SYMBOL	LOCATION	TYPE	SYMBOL	LOCATION	TYPE	SYMBOL	LOCATION	TYPE
XDATA	00051	A	C	04271	A	NORDER	05295	I

UNDIMENSIONED PROGRAM VARIABLES

SYMBOL	LOCATION	TYPE	SYMBOL	LOCATION	TYPE	SYMBOL	LOCATION	TYPE
NRYPAS	05356	I	JX	05357	I	MM	05360	I
N	05361	I	M	05362	I	NN	05363	I
J	05364	I						

ENTRY POINTS

DATA SECTION 3

SUBROUTINES CALLED

.FRDD.	SECTION	4	.FSL1.	SECTION	5	FXIT	SECTION	6
.FWRD.	SECTION	7	.FBRN.	SECTION	8	.FXEN.	SECTION	9
.UNDS.	SECTION	10	.FRTN.	SECTION	11	.FCNV.	SECTION	12
.UNDA.	SECTION	13	.FRIL.	SECTION	14	SYSLOC	SECTION	15

EFN IFN CORRESPONDENCE

EFN	IFN	LOCATION	EFN	IFN	LOCATION	EFN	IFN	LOCATION
10	3A	05430	20	4A	05561	15	6A	05436
801	FORMAT	05405	1R	27A	05512	16	21A	05504
900	FORMAT	05410	901	FORMAT	05412	30	40A	05626
2F	4AA	05600	902	FORMAT	05415			

THE FIRST LOCATION NOT USED BY THIS PROGRAM IS 05711.

ANOVA 1ALDR 09/03/68

```
                    * MEMORY MAP *

SYSTEM                                  00000 THRU  02717
FILE BLOCK ORIGIN                       02730
FILES        1.     UNIT05
             2.     UNIT06
FILE LIST ORIGIN                        02750
PRE-EXECUTION INITIALIZATION            02754
CALL ON OBJECT PROGRAM                  02777
OBJECT PROGRAM                          03004 THRU  33021

     DEFN  ORIGIN      CONTROL SECTIONS  (/NAME/-NON 0 LENGTH, (LOC)-DELETED, *-NOT REFERENCED)

  1. AVAP    03034     EVEN    03005     ......  11614 *
  2. INPUT   11617     DATA    17571
  3. .LXCON  17550     .LXSTR  17550 *   .LXSTP  17553     .LXOUT  17621     .LXERR  17630     .LXCAL  17633 *
                       .LXRTN  17633     IBEXIT  17633 *   .DBCLS  20015 *   .LXARG  20167     .LO     20212 *
                       .AMSFR  20220     .CLSE   20221     .LRBL   20222 *   .LUNB   20223     .DFOUT  20224
  4. .IODFR  20230     .DEFIN  20230     .ATTACH 20234 *   .CLOSE  20236     .OPEN   20240     .REWO   20242
                       .WRITE  20244     .BSR    20254 *   .READR  20264     .RELFS  20266 *   .LAREA  20277
                       .LRALK  20315     .LTSX   20320 *   .RLINCD 20330 *   .AREA1  20333     .LUNRL  20341
                       .ENTRY  20345     .C7A    20402     .GO     20406     .DERR   20422     .NOPXT  20423
                       .CONXT  20425     .T534   20447
  5. .LXSL   20454     .LXSRL  20454     .LXSL1  20459     .LXTST  20460 *   .LXOVL  20520 *   .LXMOD  20562 *
                       .LXIND  20606 *   .LXDIS  20611 *   .LXPCG  20612 *   .LTCH   20613
  6. .FPTRP  20621     .FERR.  20621 *   .FPOUT  20773     .AMSFP  21011 *   .FPARG  21013     /.CGUNT/ 21015 *
                       OVFLOW  21061 *
  7. .INMOM  21073     .AOM.1  21073     .AOM.2  21074     .AOM.3  21075     .AOM.4  21076 *   .AOM.5  21077 *
                       .AOM.6  21100     .AOM.7  21103     .AOM.8  21110
  8. .FRES.  21111     F.1     21111     F.2     21112     F.3     21113     F.4     21114
  9. .RFC.   21115     CC.1    21115     CC.2    21116     CC.3    21117     CC.4    21120
 10. XIT     21121     EXIT    21121     .EXIT.  21121 *
 11. EXEM    21122     .EXEM.  21122     .EXOUT  21460     .EXARG  21466     /.OPTW./ 21542 *
 12. EOUT    21553     .EOUT.  21553
 13. ECNV    22124     .ECON.  22124     .ECNV.  22145     .ENDFS  22152     .CNVSW  22154     .EDX1   22160
                       .EDX2   22161     .DBC    22163     .DBC10  22321     .DBC20  22347     .DDSW   22365
                       .DDFIX  22371     .FIXSW  22372     .DDAC   22437     EVEN    22661     .DDRS1  22705
                       .DDRS2  22707 *   .D1     22712     .D2     22714     .FERR2  23001 *   .ANPT   23035
                       .ONPT   23052     .LNTP   23135     .AOUT   23204     .DOUT   23215     .LOUT   23244
                       .DFLT   23294     .FLT    23437     .EXFL1  23570     .EXO    23574     .EXFL2  23597
                       .EXFL3  23603     .INTG   23607     .DPAC   23625     .WIDTH  23631     .FPACK  23636
                       .TEST   23637     .KOUNT  23672     .LIST   23675     .DONE   23702     .AMKLN  23704
                       EVEN    23725     .OUTAF  24415     .CHAR   24651     .FRDMF  24655     EVEN    24677
                       .DDFL   24720     .DDFLG  24721     .WORD   24722     .NOD    24723     .PFX    24724
                       .FRXP   24725     .DIB    24726     .DEXPN  24727
 14. FIOS    24751     .FIOS.  24761     .CONV.  24840 *   .FSEL.  25121     .FILR.  25128 *   .FRTB.  25134 *
                       .FRTD.  25141     .FILL.  25144     .FCLS   25146 *   .FODN   25152 *   REOF    25156 *
                       .TOUT.  25321     .REBO   25327 *   .BIN    25330 *   .FCT    25351     .FCKSZ  25333 *
 15. FIOM    25415     .FIOM.  25415     .FFTI.  25261     .FATQ.  25507
 16. FWRD    26403     .FWRD.  26403
 17. FRDD    26427     .FRDD.  26427
 18. FRRN    26455     .FRRN.  26455
 19. UNO5    27014     .UNO5.  27014
 20. UNO6    27015     .UNO6.  27015     .BUFSZ  27016
 21. FSIO1   27021     .FSIT.  27037     .FSOT.  27047 *
 22. FSLT    27056     .SLT.   27056     .SLT1.  27063     .SDI.   27071     .SDI1.  27077
```

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23.	PSLOO	27112	.PSLC	27130	.PSOO.	27138	*						
24.	PSLO	27167	.SLO.	27147	.SLO2.	27159		.SOO.	27162	.SOO2.	27171		
25.	.IOPS	27233	.LICI	27203	.MONSW	27223		.TEOR	27272	.OPEI.	27392	.JOINX	27416 *
			.CLOS.	27435	.ATTC.	27450		.SHI	27662 *	.SHO	27724 *	.OPEN.	27745
			.OP4	27773 *	.OP7	30024 *		.OP9.2	30040 *	.PLSE.	30112	.RER2.	30112
			.READ.	30113	.REPL.	30136		.WRIT.	30140	.WNTIA	30330 *	.EOFEX	30411 *
			.FREIT	30461	.GTIOX	30502		.RWY	30620 *	.RET	31243 *	.ENDTT	31704
			.SPLRO	31704 *	.RSP.	32329		.EDTOR	32492	.ETOR3	32460 *	.SWITC	32507
			.TCHEX	33014	.RASIO	33017 *							
26.	.IOCSW	33022											

I/O BUFFERS 33022 THRU 77712

UNUSED CORE 77713 THRU 77777

Appendix E
ANALYSIS OF VARIANCE INPUT DATA

Data Set Numbers in First Column: 1 through 48

Statistic in Second Column: $1 \equiv \epsilon_b$, $2 \equiv \epsilon_a$, $3 \equiv \epsilon_s$, $4 \equiv s^2$

Parameter and Scale in Remaining Columns: 1 through 14

DATA INPUT

Parameters

ζ_b		1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	1	0.0010	0.1000	0.4600	0.0030	0.8848	0.1000	0.0010	0.3438	0.0064	2.5400	0.0064	2.5400	0.0064	0.8182
2	1	0.0010	0.1000	0.7200	0.0030	0.8974	0.3000	0.0010	0.3463	0.0054	2.5900	0.0054	2.5900	0.0054	0.8608
3	1	0.0008	0.1000	0.5200	0.0032	0.8962	0.3000	0.0010	0.3595	0.0080	2.7250	0.0080	2.7250	0.0080	0.8855
4	1	0.0010	0.1000	0.3898	0.0030	0.8974	0.3000	0.0010	0.3624	0.0078	2.9050	0.0078	2.9050	0.0078	0.9231
5	1	0.0010	0.1000	0.8400	0.0030	0.8926	0.3000	0.0010	0.3455	0.0062	2.6100	0.0062	2.6100	0.0062	0.8729
6	1	0.0008	0.1000	1.0200	0.0030	0.8906	0.3000	0.0010	0.3486	0.0062	2.6400	0.0062	2.6400	0.0062	0.8922
7	1	0.0010	0.1000	1.2800	0.0030	0.8916	0.3000	0.0010	0.3470	0.0050	2.6750	0.0050	2.6750	0.0050	0.9170
8	1	0.0010	0.1000	0.8600	0.0030	0.8948	0.3000	0.0010	0.3566	0.0054	2.6100	0.0054	2.6100	0.0054	0.8770
9	1	0.0010	0.0800	0.2800	0.0030	0.8840	0.1000	0.0010	0.3463	0.0050	2.5750	0.0050	2.5750	0.0050	0.8153
10	1	0.0008	0.	0.1200	0.0030	0.8770	0.1000	0.0010	0.3539	0.0050	2.6500	0.0050	2.6500	0.0050	0.8202
11	1	0.0010	0.1000	0.3000	0.0030	0.8988	0.1000	0.0010	0.3563	0.0050	2.7200	0.0050	2.7200	0.0050	0.8571
12	1	0.0010	0.0800	0.3000	0.0030	0.7228	0.1000	0.0010	0.3575	0.0050	2.7350	0.0050	2.7350	0.0050	0.8489
13	1	0.0006	0.	0.1000	0.0028	0.8818	0.0800	0.0012	0.3468	0.0036	2.6200	0.0036	2.6200	0.0036	0.8086
14	1	0.0010	0.0600	0.1200	0.0030	0.8902	0.1000	0.0010	0.3427	0.0048	2.5800	0.0048	2.5800	0.0048	0.8044
15	1	0.	0.	0.1000	0.0030	0.8902	0.0600	0.0010	0.3418	0.0044	2.5200	0.0044	2.5200	0.0044	0.7816
16	1	0.0008	0.	0.1000	0.0030	0.8898	0.0400	0.0010	0.3425	0.0046	2.5350	0.0046	2.5350	0.0046	0.7843
17	1	0.0010	0.0200	0.1800	0.0030	0.9806	0.1000	0.0010	0.3507	0.0042	2.5750	0.0042	2.5750	0.0042	0.8053
18	1	0.0010	0.	0.1000	0.0030	0.8918	0.1000	0.0008	0.3470	0.0030	2.5800	0.0030	2.5800	0.0030	0.8005
19	1	0.0010	0.0800	0.1800	0.0030	0.8922	0.1000	0.0010	0.3486	0.0050	2.6450	0.0050	2.6450	0.0050	0.8273
20	1	0.0010	0.1000	0.3000	0.0030	0.9018	0.1000	0.0010	0.3627	0.0050	2.6750	0.0050	2.6750	0.0050	0.8477
21	1	0.0010	0.	0.1000	0.0030	0.8794	0.0800	0.0010	0.3553	0.0032	2.7250	0.0032	2.7250	0.0032	0.8368
22	1	0.0008	0.0600	0.1400	0.0030	0.8990	0.1000	0.0010	0.3485	0.0046	2.6250	0.0046	2.6250	0.0046	0.8189
23	1	0.0008	0.0800	0.1600	0.0030	0.9040	0.1000	0.0010	0.3517	0.0050	2.5750	0.0050	2.5750	0.0050	0.8100
24	1	0.0010	0.0600	0.1800	0.0030	0.8960	0.1000	0.0010	0.3477	0.0050	2.5750	0.0050	2.5750	0.0050	0.8086
25	1	0.0010	0.3000	0.4000	0.0040	0.9038	0.3000	0.0010	0.3925	0.0050	3.3000	0.0050	3.3000	0.0050	1.0428
26	1	0.0010	0.3000	0.4600	0.0040	0.9016	0.3000	0.0010	0.3942	0.0064	3.3350	0.0064	3.3350	0.0064	1.0557
27	1	0.0010	0.3000	0.4400	0.0042	0.9248	0.3000	0.0010	0.3931	0.0060	3.2750	0.0060	3.2750	0.0060	1.0406
28	1	0.0010	0.3000	0.4600	0.0040	0.9096	0.3000	0.0010	0.3905	0.0062	3.1650	0.0062	3.1650	0.0062	1.0127
29	1	0.0010	0.3000	0.4200	0.0042	0.9234	0.3000	0.0010	0.3919	0.0060	3.2350	0.0060	3.2350	0.0060	1.0290
30	1	0.0010	0.3000	0.4200	0.0042	0.9238	0.3000	0.0010	0.3943	0.0054	3.2850	0.0054	3.2850	0.0054	1.0420
31	1	0.0010	0.3000	0.4600	0.0042	0.9066	0.3000	0.0010	0.3939	0.0052	3.3000	0.0052	3.3000	0.0052	1.0471
32	1	0.0010	0.3000	0.4600	0.0040	0.9204	0.3000	0.0010	0.3944	0.0050	3.3300	0.0050	3.3300	0.0050	1.0556
33	1	0.0010	0.2000	0.3000	0.0030	0.9110	0.2000	0.0010	0.3815	0.0030	3.2700	0.0030	3.2700	0.0030	1.0141
34	1	0.0010	0.2000	0.3000	0.0030	0.9180	0.2000	0.0010	0.3829	0.0030	3.2550	0.0030	3.2550	0.0030	1.0111
35	1	0.0010	0.2000	0.3000	0.0038	0.9180	0.2000	0.0012	0.3892	0.0032	3.1500	0.0032	3.1500	0.0032	0.9865
36	1	0.0010	0.2000	0.2200	0.0030	0.8476	0.2000	0.0010	0.3913	0.0030	3.2650	0.0030	3.2650	0.0030	1.0063
37	1	0.0010	0.2000	0.3000	0.0040	0.8890	0.2200	0.0010	0.3892	0.0032	3.1500	0.0032	3.1500	0.0032	0.9859
38	1	0.0010	0.2000	0.3000	0.0040	0.9012	0.2000	0.0010	0.3903	0.0030	3.1800	0.0030	3.1800	0.0030	0.9932
39	1	0.0010	0.2000	0.3000	0.0040	0.9060	0.2000	0.0010	0.3888	0.0034	3.1950	0.0034	3.1950	0.0034	0.9969
40	1	0.0010	0.2000	0.3000	0.0038	0.8952	0.2000	0.0010	0.3864	0.0038	3.1950	0.0038	3.1950	0.0038	0.9956
41	1	0.0010	0.1600	0.2800	0.0028	0.9026	0.2000	0.0010	0.3894	0.0030	3.1550	0.0030	3.1550	0.0030	0.9830
42	1	0.0010	0.2000	0.2000	0.0030	0.9052	0.2000	0.0010	0.3890	0.0030	3.3550	0.0030	3.3550	0.0030	1.0306
43	1	0.0010	0.2000	0.2200	0.0030	0.9004	0.2000	0.0010	0.3910	0.0030	3.2550	0.0030	3.2550	0.0030	1.0070
44	1	0.0010	0.2000	0.2600	0.0030	0.9002	0.2000	0.0010	0.3855	0.0030	3.1800	0.0030	3.1800	0.0030	0.9894
45	1	0.0010	0.2000	0.2800	0.0030	0.9192	0.1800	0.0010	0.3908	0.0030	3.2100	0.0030	3.2100	0.0030	0.9994
46	1	0.0010	0.1800	0.2200	0.0030	0.9108	0.2000	0.0010	0.3874	0.0030	3.1800	0.0030	3.1800	0.0030	0.9868
47	1	0.0010	0.2000	0.3000	0.0030	0.8958	0.2000	0.0010	0.3878	0.0030	3.1750	0.0030	3.1750	0.0030	0.9910
48	1	0.0010	0.2000	0.3000	0.0030	0.8942	0.2000	0.0010	0.3876	0.0030	3.2050	0.0030	3.2050	0.0030	0.9983

ζ_b Measurement Bias Error

Measurement Accuracy Error

1	3	-0.0035	1.7150	1.0500	0.0048	1.0542	-0.0600	-0.0010	0.6693	0.0061	2.8988	-0.0610	3.0852	0.0064	1.1268
2	3	-0.0019	1.7500	1.2200	0.0066	1.0731	0.3700	-0.0010	0.6705	0.0034	2.9360	-0.0700	3.1516	0.0054	1.6296
3	3	-0.0019	1.7500	0.9000	0.0069	0.8693	1.0300	-0.0009	0.6752	0.0061	2.9836	-0.0693	3.2464	0.0080	0.9923
4	3	-0.0019	1.7790	1.1522	0.0062	0.8641	0.9200	-0.0011	0.6819	0.0055	3.5917	-0.0701	3.6909	0.0078	1.0061
5	3	-0.0014	1.7500	1.3300	0.0077	1.0759	0.4200	-0.0008	0.6690	0.0008	2.9729	-0.0641	3.1898	0.0062	0.9717
6	3	-0.0018	1.7300	1.7650	0.0065	1.0819	0.5500	-0.0010	0.6712	-0.0001	2.9971	-0.0647	3.2174	0.0062	0.9838
7	3	-0.0024	1.7500	1.9500	0.0066	1.0704	0.5900	-0.0011	0.6687	-0.0023	3.0451	-0.0670	3.2514	0.0050	[illegible]
8	3	-0.0020	1.7500	1.3650	0.0064	1.0762	0.5300	-0.0011	0.6766	-0.0018	2.9555	-0.0657	3.1707	0.0054	0.9812
9	3	-0.0023	1.7250	0.7900	0.0041	1.0565	0.2000	-0.0010	0.6702	0.0039	2.9277	-0.0723	3.1387	0.0050	2.0117
10	3	-0.0011	1.6750	0.5650	0.0056	1.0855	0.5900	-0.0010	0.6693	-0.0055	2.9767	-0.0704	3.1802	0.0050	0.9485
11	3	-0.0019	1.7850	0.7450	0.0060	0.0902	0.7100	-0.0010	0.6710	0.0027	2.9757	-0.0753	3.3087	0.0050	0.9849
12	3	-0.0010	1.7700	0.7350	0.0065	0.6840	0.7100	-0.0009	0.6774	0.0032	3.2502	-0.0716	3.3839	0.0050	3.5866
13	3	-0.0018	1.6750	0.5700	0.0038	1.0117	0.1000	-0.0007	0.6692	0.0024	3.0024	-0.0678	3.1857	0.0036	1.1305
14	3	-0.0011	1.7000	0.5350	0.0051	1.0483	0.1700	-0.0009	0.6675	0.0035	2.9557	-0.0653	3.1525	0.0048	1.9049
15	3	-0.0028	1.6250	0.5550	0.0055	1.0313	0.2200	-0.0008	0.6661	0.0049	2.9114	-0.0671	3.0841	0.0044	2.9403
16	3	-0.0022	1.6250	0.5500	0.0056	1.0517	0.1600	-0.0010	0.6668	0.0026	2.9067	-0.0668	3.1041	0.0046	5.0011
17	3	-0.0013	1.7000	0.6150	0.0047	1.0300	0.4600	-0.0010	0.6721	0.0016	2.9195	-0.0722	3.1107	0.0042	4.5615
18	3	-0.0016	1.6750	0.1100	0.0047	1.0517	0.3000	-0.0013	0.6692	-0.0002	2.9473	-0.0726	3.1423	0.0030	5.1532
19	3	-0.0016	1.7700	0.6000	0.0064	1.0653	0.6500	-0.0009	0.6724	-0.0007	3.0723	-0.0687	3.2166	0.0050	2.9730
20	3	-0.0015	1.7800	0.7400	0.0068	0.8647	0.8900	-0.0010	0.6791	-0.0004	3.5243	-0.0751	3.5000	0.0050	0.9570
21	3	-0.0014	1.6900	0.5200	0.0046	1.0371	0.2300	-0.0010	0.6677	-0.0019	3.0730	-0.0737	3.2675	0.0032	2.8861
22	3	-0.0018	1.7500	0.5550	0.0063	1.0645	0.5400	-0.0011	0.6712	0.0020	2.9689	-0.0715	3.1893	0.0046	1.5667
23	3	-0.0019	1.7500	0.5700	0.0064	1.0310	0.6500	-0.0012	0.6744	0.0003	3.9329	-0.0706	3.1455	0.0050	0.9247
24	3	-0.0017	1.7050	0.5600	0.0067	1.0540	0.5500	-0.0011	0.6713	0.0009	2.9336	-0.0719	3.1280	0.0050	1.7390
25	3	0.0014	1.8800	0.1750	0.0024	1.6367	1.0800	-0.0003	0.8153	0.0041	4.1323	-0.0644	3.7660	0.0050	1.0675
26	3	0.0018	1.9000	0.3100	0.0035	1.6734	1.1100	-0.0002	0.8228	0.0067	4.1511	-0.0604	3.8035	0.0064	1.0831
27	3	0.0027	1.9250	0.2500	0.0026	1.6832	0.9500	-0.0003	0.8252	0.0066	4.1493	-0.0598	3.7612	0.0060	1.0579
28	3	0.0031	1.9200	0.2900	0.0029	1.6954	1.0600	-0.0005	0.8231	0.0067	4.0361	-0.0628	3.6632	0.0067	1.0251
29	3	0.0022	1.9600	0.1050	0.0029	1.6941	1.0500	-0.0004	0.8251	0.0086	4.1136	-0.0642	3.7330	0.0060	1.0911
30	3	0.0009	1.9400	0.1300	0.0033	1.6767	0.9600	-0.0003	0.8247	0.0080	4.1943	-0.0649	3.7796	0.0054	1.0679
31	3	0.0023	1.9150	0.2250	0.0028	1.6539	1.0500	-0.0003	0.8239	0.0062	4.1918	-0.0640	3.7960	0.0057	1.0705
32	3	0.0029	1.9100	0.2150	0.0035	1.6786	1.1100	-0.0003	0.8250	0.0057	4.2342	-0.0635	3.8287	0.0050	1.0763
33	3	0.0005	1.8350	0.1550	0.0018	1.6685	0.8500	-0.0002	0.8121	0.0038	4.1304	-0.0603	3.7639	0.0030	1.0340
34	3	0.0014	1.7500	0.1200	0.0016	1.6710	0.8900	-0.0003	0.8163	0.0042	4.1850	-0.0580	3.7728	0.0030	1.0380
35	3	0.0017	1.7800	0.1650	0.0028	1.6920	0.9500	-0.0001	0.8217	0.0039	3.9905	-0.0637	3.6442	0.0032	1.0118
36	3	0.0016	1.7700	0.0050	0.0019	1.6004	1.0000	-0.0004	0.8232	0.0014	4.1752	-0.0630	3.7648	0.0030	1.0611
37	3	0.0027	1.7900	-0.1600	0.0028	1.6395	1.8400	-0.0003	0.8282	0.0032	4.0283	-0.0750	3.6630	0.0032	1.0081
38	3	0.0017	1.7500	-0.0250	0.0035	1.6338	1.3700	-0.0003	0.8265	0.0031	4.0851	-0.0615	3.6894	0.0030	1.0168
39	3	0.0006	1.7500	-0.0150	0.0027	1.6320	1.1500	-0.0003	0.8266	0.0033	4.1163	-0.0608	3.7212	0.0034	1.0208
40	3	0.0591	1.7350	0.3850	0.0018	1.5436	0.8537	-0.0005	0.8566	0.0057	4.1304	-0.0584	3.6945	0.0038	1.0157
41	3	0.0007	1.7550	0.2768	0.0005	1.6839	0.4900	-0.0003	0.8167	0.0027	3.9764	-0.0708	3.6337	0.0030	1.2210
42	3	0.0013	1.7700	0.0600	0.0015	1.6748	1.1200	-0.0003	0.8180	0.0030	4.2105	-0.0639	3.8287	0.0030	1.0655
43	3	0.0008	1.7600	-0.0450	0.0006	1.6576	1.1600	-0.0007	0.8202	0.0014	4.1949	-0.0638	3.7537	0.0030	1.0429
44	3	0.0018	1.7450	-0.0200	0.0006	1.6313	0.7900	2.3604	0.8180	0.0046	4.1377	-0.0613	3.7069	0.0030	1.0162
45	3	0.0018	1.7650	0.0800	0.0019	1.6708	0.9900	-0.0002	0.8242	0.0033	4.0935	-0.0643	3.7164	0.0030	1.0150
46	3	0.0010	1.7337	-0.0000	0.0013	1.6592	0.8100	-0.0002	0.8201	0.0035	4.0980	-0.0634	3.7076	0.0030	1.0179
47	3	0.0011	1.7350	0.0250	0.0008	1.6327	0.8700	-0.0003	0.8207	0.0045	4.1114	-0.0626	3.6996	0.0030	1.0085
48	3	0.0020	1.7450	0.0350	0.0008	1.6203	1.0100	-0.0003	0.8216	0.0049	4.1536	-0.0616	3.7289	0.0030	1.1323

1	4	0.0000	8.2352	4.1033	0.0000	0.0320	0.0716	0.0000	0.3097	0.0092	7.3959	0.0422	8.8188	0.0007	0.3203
2	4	0.0001	8.5974	5.55[illegible]9	0.0000	0.0344	0.0157	0.0000	0.3096	0.0095	7.6474	0.0503	9.1982	0.0009	2.2658
3	4	0.0000	8.5974	5.2645	0.0000	0.0009	0.6379	0.0000	0.2900	0.0149	7.8134	0.0585	8.6505	0.0012	0.0740
4	4	0.0001	8.8620	8.4874	0.0000	0.0015	0.4396	0.0000	0.3037	0.0132	14.2624	0.0567	14.9014	0.0018	0.0615
5	4	0.0000	8.5974	5.9328	0.0001	0.0374	0.0218	0.0000	0.3117	0.0086	7.6389	0.0432	9.1721	0.0006	0.0636
6	4	0.0000	8.5974	6.4800	0.0000	0.0410	0.0917	0.0000	0.3127	0.0082	7.6376	0.0430	9.1613	0.0007	0.0592
7	4	0.0001	8.5974	7.3627	0.0000	0.0357	0.1654	0.0000	0.3100	0.0096	7.9142	0.0463	9.3857	0.0001	0.0649
8	4	0.0001	8.5974	6.1996	0.0000	0.0360	0.0690	0.0000	0.3072	0.0106	7.8904	0.0457	9.4307	0.0001	0.0706
9	4	0.0000	8.6152	5.7511	0.0000	0.0312	0.0810	0.0000	0.3088	0.0092	7.6240	0.0517	9.0434	0.0008	4.7150
10	4	0.0000	9.2178	3.6061	0.0000	0.0484	0.2721	0.0000	0.3073	0.0091	7.6353	0.0407	8.9700	0.0001	0.1053
11	4	0.0000	8.9677	4.1030	0.0000	0.7288	0.4232	0.0000	0.2989	0.0155	9.4341	0.0606	9.9960	0.0014	0.0764
12	4	0.0000	9.0915	4.1510	0.0000	0.1531	0.4232	0.0000	0.3032	0.0132	10.3155	0.0548	11.0327	0.0030	35.7647
13	4	0.0000	9.2178	3.4515	0.0000	0.0190	0.0116	0.0000	0.3094	0.0087	7.6372	0.0455	9.1400	0.0006	0.2341
14	4	0.0000	8.6331	3.7421	0.0000	0.0279	0.0134	0.0000	0.3126	0.0085	7.7107	0.0439	9.2285	0.0008	4.7140
15	4	0.0000	8.6104	3.5074	0.0000	0.0290	0.0489	0.0000	0.3116	0.0085	7.6940	0.0449	9.0056	0.0007	7.7798
16	4	0.0000	8.6862	3.5294	0.0000	0.0291	0.0440	0.0000	0.3114	0.0080	7.7257	0.0451	9.1409	0.0006	25.1627
17	4	0.0000	9.1996	3.8141	0.0000	0.0251	0.1671	0.0000	0.3067	0.0104	7.8585	0.0509	9.0290	0.0001	42.6506
18	4	0.0001	9.2178	7.3646	0.0000	0.0286	0.1133	0.0000	0.3090	0.0095	7.7449	0.0505	9.2659	0.0018	33.9498
19	4	0.0000	9.0915	3.8369	0.0000	0.0334	0.3406	0.0000	0.3089	0.0112	8.0084	0.0505	9.3664	0.0003	7.0057
20	4	0.0000	8.9143	4.1302	0.0001	0.0026	0.6966	0.0000	0.2997	0.0155	11.8884	0.0628	15.1217	0.0020	0.0760
21	4	0.0000	9.4200	3.6657	0.0000	0.0279	0.0290	0.0000	0.3160	0.0100	7.6821	0.0527	9.2122	0.0011	10.5520
22	4	0.0000	9.1631	3.7958	0.0000	0.0305	0.2382	0.0000	0.3082	0.0094	7.6978	0.0512	9.2389	0.0019	2.2334
23	4	0.0000	8.8791	3.8200	0.0000	0.0242	0.1961	0.0000	0.3080	0.0097	7.7605	0.0507	9.2887	0.0016	0.0843
24	4	0.0000	8.6858	3.8561	0.0000	0.0280	0.2428	0.0000	0.3085	0.0100	7.9267	0.0519	9.1575	0.0012	3.4344
25	4	0.0000	7.3680	7.9738	0.0000	0.6299	0.7262	0.0000	0.4982	0.0047	5.1962	0.0392	1.5038	0.0020	0.0049
26	4	0.0000	7.4300	7.8299	0.0000	0.6672	0.7454	0.0000	0.5050	0.0051	5.1899	0.0385	1.5531	0.0002	0.0057
27	4	0.0000	7.5220	7.8804	0.0000	0.6393	0.4739	0.0000	0.5093	0.0048	5.1935	0.0375	1.5678	0.0003	0.0033
28	4	0.0000	7.6983	7.8886	0.0000	0.6867	0.6582	0.0000	0.5119	0.0046	5.1923	0.0393	1.6106	0.0003	0.0021
29	4	0.0000	7.6415	8.0371	0.0000	0.6600	0.6583	0.0000	0.5108	0.0044	5.1697	0.0402	1.3424	0.0001	0.0038
30	4	0.0000	7.5731	8.3351	0.0000	0.6299	0.4893	0.0000	0.5048	0.0048	5.2204	0.0407	1.5600	0.0000	0.0049
31	4	0.0000	7.4867	8.3787	0.0000	0.6206	0.6294	0.0000	0.5047	0.0051	5.2392	0.0402	1.6098	0.0000	0.0044
32	4	0.0000	7.4704	8.5574	0.0000	0.6189	0.7966	0.0000	0.5054	0.0052	5.2923	0.0394	1.5934	0.0007	0.0037
33	4	0.0001	8.1827	6.7921	0.0000	0.6378	0.4761	0.0000	0.5117	0.0033	5.1678	0.0334	1.6536	0.0000	0.0047
34	4	0.0000	7.5868	6.2375	0.0000	0.6302	0.5499	0.0000	0.5131	0.0033	5.2264	0.0325	1.6005	0.0003	0.0055
35	4	0.0000	7.8859	6.2670	0.0000	0.6660	0.6406	0.0000	0.5113	0.0050	5.2557	0.0387	1.6123	0.0004	0.0054
36	4	0.0000	7.7854	6.2798	0.0000	0.6298	0.7600	0.0000	0.5094	0.0055	5.2720	0.0385	1.6154	0.0000	0.0276
37	4	0.0000	7.9862	6.6601	0.0000	0.6261	3.0167	0.0000	0.5193	0.0050	5.1792	0.0721	1.6229	0.0004	0.0038
38	4	0.0000	7.5800	6.5233	0.0000	0.5944	1.6690	0.0000	0.5136	0.0053	5.1902	0.0379	1.5616	0.0004	0.0060
39	4	0.0000	7.5488	6.5188	0.0000	0.5850	1.0517	0.0000	0.5171	0.0051	5.2150	0.0389	1.6117	0.0004	0.0044
40	4	0.0781	50.2051	15.4447	0.0000	0.4957	0.4844	0.0000	0.5310	0.0042	5.1742	0.0371	1.7022	0.0004	0.0034
41	4	0.0050	8.1062	5.9448	0.0000	0.6789	0.7277	0.0000	0.5072	0.0053	5.2010	0.0440	1.5335	0.0016	0.1321
42	4	0.0000	7.7854	5.8588	0.0000	0.6582	0.9907	0.0000	0.5080	0.0050	5.2763	0.0386	1.6407	0.0001	0.0106
43	4	0.0000	7.6204	6.1999	0.0000	0.6372	1.0849	0.0000	0.5055	0.0052	5.2994	0.0368	1.5961	0.0005	0.0115
44	4	0.0000	7.5384	6.3889	0.0000	0.5940	0.3943	11.4608	0.5088	0.0047	5.3828	0.0367	1.5241	0.0000	0.0084
45	4	0.0000	7.6710	6.3278	0.0000	0.6278	0.7379	0.0000	0.5116	0.0054	5.3384	0.0400	1.5664	0.0011	0.0028
46	4	0.0000	7.6901	6.2165	0.0000	0.6226	0.5499	0.0000	0.5094	0.0049	5.3193	0.0389	1.6223	0.0005	0.0097
47	4	0.0000	7.4413	6.4949	0.0000	0.6035	0.5001	0.0000	0.5096	0.0044	5.2832	0.0382	1.5479	0.0001	0.0029
48	4	0.0001	7.4757	6.5289	0.0000	0.5898	0.7544	0.0000	0.5087	0.0049	5.2635	0.0370	1.5115	0.0003	0.0143

s^2 Precision

Appendix F
COMPILATION OF OVERALL STATISTICS COMPUTED WITH ALL VALUES

HYP_{01}: $\epsilon_b = 0$	HYP_{02}: $\epsilon_a = 0$	HYP_{03} $\epsilon_s = 0$
HYP_{11}: $\epsilon_b \neq 0$	HYP_{12}: $\epsilon_a \neq 0$	HYP_{13} $\epsilon_s \neq 0$
$\alpha = 0.05$	$\alpha = 0.025$	$\alpha = 0.025$

IF: computed value of α < prescribed value of α:
Reject Ho: and accept H_1:

PRECEDING PAGE BLANK

FINAL

OVERALL COMPUTATIONS, ALL TESTS

EMB = MEASURING BIAS ERROR (SI-TYPE TESTS)
EMA = MEASURING ACCURACY ERROR (FB-TYPE TESTS)
ESS = STIMULI SETTING ERROR (ALL TESTS)
ALPHA = RISK OF REJECTING GOOD DATA (1-TAIL (+) FOR EMB, 2-TAIL FOR EMA AND ESS)

TEST ID	TYPE TEST	EXPECTED VALUE	Ho: $\epsilon_b = 0$	Ho: $\epsilon_a = 0$	Ho: $\epsilon_a = 0$
	DC VOLTAGE				
100	SI	0.	EMB = 0.94583332E-03	EMA = -0.19668660E-02	ESS = 0.11959882E-02
101	FB	7.8 VDC	VAR = 0.51447000E-07	VAR = 0.17346973E-02	VAR = 0.43233174E-03
102	STB	-7.8 VDC	ALPHA = 0.000	ALPHA = 0.301	ALPHA = 0.095
103	DF1	0. VDC	(Reject Ho)	(Accept Ho)	(Accept Ho)
104	DA1	0. VDC			
105	FB	7.8 VDC			
106	SI	0.	EMB = 0.14708333E 00	EMA = -0.79792979E-01	ESS = 0.17680324E 01
107	FB	223. VDC	VAR = 0.95312062E-02	VAR = 0.79009482E 00	VAR = 0.89485573E 01
108	PS1	230. VDC	ALPHA = 0.000	ALPHA = 0.050	ALPHA = 0.000
109	FB	223. VDC	(Reject Ho)	(Accept Ho)	(Reject Ho)
110	SI	0.	EMB = 0.34885397E 00	EMA = -0.36402049E 01	ESS = 0.47602195E 00
111	FB	503.21 MVDC	VAR = 0.72457064E-01	VAR = 0.72697136E 00	VAR = 0.57732791E 01
112	DA2	900. MVDC	ALPHA = 0.000	ALPHA = 0.000	ALPHA = 0.000
113	FB	503.21 MVDC	(Reject Ho)	(Reject Ho)	(Reject Ho)
	RESISTANCE				
200	SI	0.	EMB = 0.32750000E-02	EMA = -0.17128752E-02	ESS = 0.38862704E-02
201	FB	8.8198 K OHMS	VAR = 0.25041839E-06	VAR = 0.11747182E-03	VAR = 0.54404411E-04
202	STB	0. K OHMS	ALPHA = 0.000	ALPHA = 0.001	ALPHA = 0.000
203	FB	8.8198 K OHMS	(Reject Ho)	(Reject Ho)	(Reject Ho)
204	SI	0.	EMB = 0.89496049E 00	EMA = -0.84298840E 00	ESS = 0.13164567E 01
205	FB	80.05 OHMS	VAR = 0.36586738E-02	VAR = 0.67721209E 00	VAR = 0.43315770E 00
			ALPHA = 0.000	ALPHA = 0.000	ALPHA = 0.000
			(Reject Ho)	(Reject Ho)	(Reject Ho)
206	SI	0.	EMB = 0.19291646E 00	EMA = -0.11301402E 01	ESS = 0.75799578E 00
207	FB	819.0 K OHMS	VAR = 0.76645200E-02	VAR = 0.46819507E 00	VAR = 0.55738831E 00
			ALPHA = 0.000	ALPHA = 0.000	ALPHA = 0.000
			(Reject Ho)	(Reject Ho)	(Reject Ho)
	FREQUENCY				
300	SI	0.	EMB = 0.10041657E-02	EMA = -0.95269514E-01	ESS = 0.48513143E-01
301	FB	990.004 KHZ	VAR = 0.12536847E-07	VAR = 0.44445018E 01	VAR = 0.23220993E 01
302	STB	000. KHZ	ALPHA = 0.000	ALPHA = 0.333	ALPHA = 0.324
303	FB	990.004 KHZ	(Reject Ho)	(Accept Ho)	(Accept Ho)

OVERALL COMPUTATIONS, ALL TESTS

EMR = MEASURING BIAS ERROR (SI-TYPE TESTS)
EMA = MEASURING ACCURACY ERROR (ER-TYPE TESTS)
ESS = STIMULI SETTING ERROR (ALL TESTS)
ALPHA = RISK OF REJECTING GOOD DATA (1-TAIL (+) FOR EMR, 2-TAIL FOR EMA AND ESS)

TEST TP	TYPE TEST	EXPECTED VALUE			
AC VOLTAGE 400 HZ					
400	SI	0.	EMR = 0.37009907E 00	EMA = -0.74537752E 00	ESS = 0.74736446E 00
401	ER	5.628 VRMS	VAR = 0.15266651E 00	VAR = 0.93003466E 00	VAR = 0.40518915E 00
402	STR	7. VRMS	ALPHA = 0.000	ALPHA = 0.000	ALPHA = 0.000
403	ER	5.628 VRMS	(Reject Ho)	(Reject Ho)	(Reject Ho)
404	SI	0.			
405	ER	0.317 VTRMS			
406	SI	0.			
407	ER	7.958 VP			
408	SI	0.			
409	ER	15.02 VPP			
410	SG1	0. VRMS			
411	SG1	0.081 VTRMS			
412	SG1	0.5 VRMS			
413	SG1	0.4 KHZ			
414	SG2	0. VRMS			
415	SGP	90. VRMS			
416	SGO	0. VRMS			
417	SGO	0. VRMS			
418	ER	5.628 VRMS			
AC VOLTAGE 50 HZ					
500	SI	0.	EMR = 0.45333333E-02	EMA = 0.42125152E-01	ESS = 0.33382602E-02
501	ER	0.977 VRMS	VAR = 0.24172942E-05	VAR = 0.10443728E-01	VAR = 0.75236922E-02
502	SG1	1.1 VRMS	ALPHA = 0.000	ALPHA = 0.000	ALPHA = 0.050
503	SG1	0.02 KHZ	(Reject Ho)	(Reject Ho)	(Accept Ho)
504	ER	0.955 VTRMS			
505	ER	1.381 VP			
506	ER	2.762 VPP			
507	SG1	1.21 VTRMS			
508	SG1	1.5556 VP			
509	SG1	3.11 VPP			
510	ER	0.955 VTRMS			
511	ER	1.381 VP			
512	ER	2.742 VPP			

OVERALL COMPUTATIONS, ALL TESTS

EMB = MEASURING BIAS ERROR (SI-TYPE TESTS)
EMA = MEASURING ACCURACY ERROR (ER-TYPE TESTS)
ESS = STIMULI SETTING ERROR (ALL TESTS)
ALPHA = RISK OF REJECTING GOOD DATA (1-TAIL (+) FOR EMB, 2-TAIL FOR EMA AND ESS)

TEST ID	TYPE TEST	EXPECTED VALUE			
AC VOLTAGE 50 HZ					
513	SI	0.	EMB = 0.29334378E 01	EMA = -0.21486250E 01	ESS = 0.37587227E 01
514	ER	110.03 VRMS	VAR = 0.14363208E 02	VAR = 0.34560023E 01	VAR = 0.48874343E 01
515	SI	0.	ALPHA = 0.000	ALPHA = 0.000	ALPHA = 0.000
516	ER	121. VTRMS	(Reject Ho)	(Reject Ho)	(Reject Ho)
517	SI	0.			
518	ER	155.56 VP			
519	SI	0.			
520	ER	311.1 VPP			
521	SGP	110. VRMS			
522	SGP	121. VTRMS			
523	SGP	155.56 VP			
524	SGP	311.1 VPP			
525	SGP	0.02 KHZ			
526	ER	110. VRMS			
527	ER	121. VTRMS			
528	ER	155.56 VP			
529	ER	311.1 VPP			
AC VOLTAGE 10 KHZ					
601	ER	0.614 VRMS	EMB = 0.45333333E-02	EMA = 0.21178187E 00	ESS = -0.56271748E-01
602	SGI	1.1 VRMS	VAR = 0.24172942E-05	VAR = 0.50350132E-01	VAR = 0.43503316E-01
603	SGI	0. KHZ	ALPHA = 0.000	ALPHA = 0.000	ALPHA = 0.000
604	ER	0.614 VRMS	(Reject Ho)	(Reject Ho)	(Reject Ho)
605	ER	0.8683 VP			
606	ER	1.736 VPP			
607	ER	110. VRMS	EMB = 0.29334375E 01	EMA = -0.20004291E 01	ESS = 0.34763234E 01
608	ER	121. VTRMS	VAR = 0.14363208E 02	VAR = 0.36914656E 01	VAR = 0.50600120E 01
609	ER	155.56 VP	ALPHA = 0.000	ALPHA = 0.000	ALPHA = 0.000
610	ER	311.1 VPP	(Reject Ho)	(Reject Ho)	(Reject Ho)
611	SGP	110. VRMS			
612	SGP	121. VTRMS			
613	SGR	1. KHZ			
614	ER	110. VRMS			
615	ER	121. VTRMS			
616	ER	155.56 VP			
617	ER	311.1 VPP			

OVERALL COMPUTATIONS, ALL TESTS

EMB = MEASURING BIAS ERROR (SI-TYPE TESTS)
EMA = MEASURING ACCURACY ERROR (ER-TYPE TESTS)
ESS = STIMULI SETTING ERROR (ALL TESTS)
ALPHA = RISK OF REJECTING GOOD DATA (1-TAIL (+) FOR EMB, 2-TAIL FOR EMA AND ESS)

TEST ID	TYPE TEST	EXPECTED VALUE			
AC VOLTAGE 1 MHZ					
701	ER	1. VP	EMB = 0.45333333E-02	EMA = 0.15162490E-01	ESS = 0.45333334E-02
702	ER	2. VPP	VAB = 0.24172942E-05	VAR = 0.13260658E-02	VAR = 0.13260659E-02
			ALPHA = 0.000	ALPHA = 0.000	ALPHA = 0.007
			(Reject Ho)	(Reject Ho)	(Reject Ho)
PULSE TRAIN					
801	ER	999.996 KHZ	EMB = 0.92548881E 00	EMA = -0.16691783E 01	ESS = 0.15246932E 01
803	PGN	49.9999 MS	VAR = 0.50226256E 01	VAR = 0.12906286E 02	VAR = 0.38753109E 01
804	PGN	30. VP	ALPHA = 0.000	ALPHA = 0.000	ALPHA = 0.000
805	PGN	99.9994 MS	(Reject Ho)	(Reject Ho)	(Reject Ho)
806	PGN	0.005 MS			
807	PGN	10. MS			
809	ER	999.996 KHZ			

Appendix G
PRINTOUT OF ANALYSIS OF VARIANCE RESULTS

ANOVA Table Identification Chart

Parameter and Scale	Response Statistic			
	ϵ_b	ϵ_a	ϵ_s	s^2
1. 10 Vdc	1	15	29	43
2. 250 Vdc	2	16	30	44
3. 1000 mVdc	3	17	31	45
4. 10-kohm resistance	4	18	32	46
5. 0.1-kohm resistance	5	19	33	47
6. 1000-kohm resistance	6	20	34	48
7. 1000-kHz frequency	7	21	35	49
8. 10 VRMS ac 400 Hz	8	22	36	50
9. 10 VRMS ac 50 Hz	9	23	37	51
10. 250 VRMS ac 50 Hz	10	24	38	52
11. 10 VRMS ac 10 kHz	11	25	39	53
12. 250 VRMS ac 10 kHz	12	26	40	54
13. 10 VPP ac 1000 kHz	13	27	41	55
14. Pulse train	14	28	42	56

Source Identifications

A ≡ Duration of the test (i.e., 1-hour or 4-hour test)
B ≡ Time delay (i.e., one, three, and five times the specified delay)
C ≡ Machine (i.e., ETG-3/0002 or ETG-3/0005)

IF: the calculated value of $F_c > F_{T(\alpha)}$ the table value at the specified α then: the test is significant and the Ho $\left(\text{e.g., Ho: } C_k = 0\right)$ is rejected

*Indicates that test is not significant and Ho $\left(\text{e.g., Ho: } A_i = 0\right)$ is accepted.

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MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

Table: 1

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A (Duration)	0.6751043E-07	1	0.6751043E-07	3.522	4.11 *	7.39 *
B (Tapes time delay)	0.8167717E-07	2	0.4083859E-07	2.131	3.26 *	5.25 *
AB (Duration Tape)	0.6498931E-07	2	0.3249465E-07	1.695	3.26 *	5.25 *
C (Machines)	0.1408434E-06	1	0.1408434E-06	7.348	4.11	7.39 *
AC (Duration Machine)	0.6748951E-07	1	0.6748951E-07	3.521	4.11 *	7.39 *
BC (Tape Machine)	0.8165625E-07	2	0.4082813E-07	2.130	3.26 *	5.25 *
ABC (Duration Tape Machine)	.6501023E-07	2	0.3250511E-07	1.696	3.26 *	5.25 *
ERROR	0.6899971E-06	36	0.1916663E-07			
TOTAL	0.12591740E-05	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

Table: 2

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1945960E-03	1	0.1945960E-03	1.111	4.11 *	7.39 *
B	0.2736250E-03	2	0.1368125E-03	0.781	3.26 *	5.25 *
AB	0.3187540E-03	2	0.1593770E-03	0.910	3.26 *	5.25 *
C	0.1413407E-04	1	0.1413407E-04	0.081	4.11 *	7.39 *
AC	0.1611616E-03	1	0.1611616E-03	0.920	4.11 *	7.39 *
BC	0.3394340E-03	2	0.1697170E-03	0.969	3.26 *	5.25 *
ABC	0.3928175E-03	2	0.1964088E-03	1.121	3.26 *	5.25 *
ERROR	0.63049649E-02	36	0.17513791E-03			
TOTAL	0.79994873E-02	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)(I,IJK))

Table: 3

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.7198043E-04	1	0.7198043E-04	1.043	4.11 *	7.39 *
B	0.1300441E-03	2	0.6502205E-04	0.942	3.26 *	5.25 *
AB	0.1326841E-03	2	0.6634207E-04	0.961	3.26 *	5.25 *
C	0.4109416E-03	1	0.4109416E-03	5.955	4.11	7.39 *
AC	0.7388805E-04	1	0.7388805E-04	1.071	4.11 *	7.39 *
BC	0.1304769E-03	2	0.6523846E-04	0.945	3.26 *	5.25 *
ABC	0.1556196E-03	2	0.7780982E-04	1.127	3.26 *	5.25 *
ERROR	0.2484680E-02	36	0.69013000E-04			
TOTAL	0.3590102 9E-02	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1652176E-04	1	0.1652176E-04	1.005	4.11 *	7.39 *
B	0.3279056E-04	2	0.1639528E-04	0.997	3.26 *	5.25 *
AB	0.3267870E-04	2	0.1633935E-04	0.993	3.26 *	5.25 *
C	0.1621729E-04	1	0.1621729E-04	0.986	4.11 *	7.39 *
AC	0.1640094E-04	1	0.1640094E-04	0.997	4.11 *	7.39 *
BC	0.3323333E-04	2	0.1661666E-04	1.010	3.26 *	5.25 *
ABC	0.3289449E-04	2	0.1644725E-04	1.000	3.26 *	5.25 *
ERROR	0.59211163E-03	36	0.16447545E-04			
TOTAL	0.77284872E-03	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)(IJK))

ϵ_b: 100 ohm resistance

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.6750822E-03	1	0.6750822E-03	1.166	4.11 *	7.39 *
B	0.6721675E-01	2	0.3360838E-01	58.020	3.26	5.25
AB	0.1849920E-02	2	0.9249598E-03	1.624	3.26 *	5.25 *
C	0.3366751E 00	1	0.3366751E 00	591.235	4.11	7.39
AC	0.1008227E-02	1	0.1008227E-02	1.771	4.11 *	7.39 *
BC	0.6949887E-02	2	0.3474943E-02	6.102	3.26	5.25
ABC	0.1516744E-02	2	0.7583722E-03	1.332	3.26 *	5.25 *
ERROR	0.20499960E-01	36	0.56944332E-03			
TOTAL	0.43639168E 00	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC( )+ABC(IJK)+E(L)((IJK))

ϵ_b: 1000 kohm resistance

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1598519E 00	1	0.1598519E 00	1.001	4.11 *	7.39 *
B	0.2695288E 00	2	0.1347644E 00	0.844	3.26 *	5.25 *
AB	0.2350043E 00	2	0.1175021E 00	0.736	3.26 *	5.25 *
C	0.6463487E 00	1	0.6463487E 00	4.046	4.11 *	7.39 *
AC	0.2067186E 00	1	0.2067186E 00	1.294	4.11 *	7.39 *
BC	0.2574291E 00	2	0.1287146E 00	0.806	3.26 *	5.25 *
ABC	0.3087877E 00	2	0.1543938E 00	0.967	3.26 *	5.25 *
ERROR	0.57506236E 01	36	0.15973954E 00			
TOTAL	0.78342930E 01	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.3551483E-02	1	0.3551483E-02	3.787	4.11 *	7.39 *
B	0.1011086E 00	2	0.5055428E-01	53.902	3.26	5.25
AB	0.9717941E-02	2	0.4858971E-02	5.181	3.26	5.25 *
C	0.9443474E-01	1	0.9443474E-01	100.689	4.11	7.39
AC	0.1710892E-02	1	0.1710892E-02	1.824	4.11 *	7.39 *
BC	0.4441643E-01	2	0.2220821E-01	23.679	3.26	5.25
ABC	0.1846313E-02	2	0.9231567E-03	0.984	3.26 *	5.25 *
ERROR	0.33763885E-01	36	0.93788571E-03			
TOTAL	0.29055023E 00	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)(IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.3397589E 02	1	0.3397589E 02	0.902	4.11 *	7.39 *
B	0.8316443E 02	2	0.4158221E 02	1.104	3.26 *	5.25 *
AB	0.7212244E 02	2	0.3606122E 02	0.958	3.26 *	5.25 *
C	0.4101776E 01	1	0.4101776E 01	0.109	4.11 *	7.39 *
AC	0.3712799E 02	1	0.3712799E 02	0.986	4.11 *	7.39 *
BC	0.7952420E 02	2	0.3976210E 02	1.056	3.26 *	5.25 *
ABC	0.7662415E 02	2	0.3831207E 02	1.018	3.26 *	5.25 *
ERROR	0.13553679E 04	36	0.37649109E 02			
TOTAL	0.17420088E 04	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.3911525E-01	1	0.3911525E-01	5.664	4.11	7.39 *
B	0.1523575E 01	2	0.7617875E 00	110.302	3.26	5.25
AB	0.2046660E 00	2	0.1023330E 00	14.817	3.26	5.25
C	0.1879501E-01	1	0.1879501E-01	2.721	4.11 *	7.39 *
AC	0.1802564E-01	1	0.1802564E-01	2.610	4.11 *	7.39 *
BC	0.4769689E 00	2	0.2384845E 00	34.531	3.26	5.25
ABC	0.2436555E 00	2	0.1218278E 00	17.640	3.26	5.25
ERROR	0.24862909E 00	36	0.69063636E-02			
TOTAL	0.27734304E 01	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.4517365E-01	1	0.4517365E-01	0.499	4.11 *	7.39 *
B	0.5050766E 01	2	0.2525383E 01	27.901	3.26	5.25
AB	0.1553802E 00	2	0.7769012E-01	0.858	3.26 *	5.25 *
C	0.3526298E 01	1	0.3526298E 01	38.960	4.11	7.39
AC	0.1034775E 00	1	0.1034775E 00	1.143	4.11 *	7.39 *
BC	0.7294540E 00	2	0.3647270E 00	4.030	3.26	5.25 *
ABC	0.1920929E 00	2	0.9604645E-01	1.061	3.26 *	5.25 *
ERROR	0.32584152E 01	36	0.90511533E-01			
TOTAL	0.13061058E 02	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)(C(IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1767159E-01	1	0.1767159E-01	0.737	4.11 *	7.39 *
B	0.2279236E 01	2	0.1139618E 01	47.507	3.26	5.25
AB	0.2378043E 00	2	0.1189021E 00	4.957	3.26	5.25 *
C	0.6195920E 01	1	0.6195920E 01	258.287	4.11	7.39
AC	0.1087348E 00	1	0.1087348E 00	4.533	4.11	7.39 *
BC	0.9712677E 00	2	0.4856339E 00	20.244	3.26	5.25
ABC	0.2523538E 00	2	0.1261769E 00	5.260	3.26	5.25
ERROR	0.8635861 9E 00	36	0.2398850 5E-01			
TOTAL	0.1092657 5E 02	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1934570E 01	1	0.1934570E 01	0.838	4.11 *	7.39 *
B	0.3279004E 02	2	0.1639502E 02	7.102	3.26	5.25
AB	0.4195877E 01	2	0.2097939E 01	0.909	3.26 *	5.25 *
C	0.7761365E 02	1	0.7761365E 02	33.622	4.11	7.39
AC	0.5548218E 01	1	0.5548218E 01	2.403	4.11 *	7.39 *
BC	0.9452866E 01	2	0.4726433E 01	2.047	3.26 *	5.25 *
ABC	0.4342575E 01	2	0.2171288E 01	0.941	3.26 *	5.25 *
ERROR	0.83103424E 02	36	0.23084284E 01			
TOTAL	0.21898122E 03	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.2134693E-06	1	0.2134693E-06	11.644	4.11	7.39
B	0.2645145E-05	2	0.1322573E-05	72.142	3.26	5.25
AB	0.2815359E-06	2	0.1407680E-06	7.678	3.26	5.25
C	0.3630135E-05	1	0.3630135E-05	198.013	4.11	7.39
AC	0.3332025E-06	1	0.3332025E-06	18.175	4.11	7.39
BC	0.2434870E-05	2	0.1217435E-05	66.408	3.26	5.25
ABC	0.3317837E-06	2	0.1658918E-06	9.049	3.26	5.25
ERROR	0.65998029E-06	36	0.18332786E-07			
TOTAL	0.10530122E-04	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1203467E-05	1	0.1203467E-05	0.141	4.11 *	7.39 *
B	0.5356663E-04	2	0.2678331E-04	3.145	3.26 *	5.25 *
AB	0.3545303E-04	2	0.1772652E-04	2.082	3.26 *	5.25 *
C	0.4788015E-02	1	0.4788015E-02	562.286	4.11	7.39
AC	0.5327638E-07	1	0.5327638E-07	0.006	4.11 *	7.39 *
BC	0.2716623E-04	2	0.1358312E-04	1.595	3.26 *	5.25 *
ABC	0.7353023E-05	2	0.3676511E-05	0.432	3.26 *	5.25 *
ERROR	0.3065493OE-03	36	0.85152983E-05			
TOTAL	0.52193598E-02	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	99 F	99 F
A	0.1267734E-05	1	0.1267734E-05	2.266	4.11 *	7.39 *
B	0.1389532E-04	2	0.6947659E-05	12.420	3.26	5.25
AB	0.4197937E-06	2	0.2098968E-06	0.375	3.26 *	5.25 *
C	0.1683765E-03	1	0.1683765E-03	300.991	4.11	7.39
AC	0.3330933E-06	1	0.3330933E-06	0.595	4.11 *	7.39 *
BC	0.7546449E-05	2	0.3773224E-05	6.745	3.26	5.25
ABC	0.1206950E-05	2	0.6034752E-06	1.079	3.26 *	5.25 *
ERROR	0.20138672E-04	36	0.55940755E-06			
TOTAL	0.21310448E-03	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.3130029E-11	1	0.3130829E-11	0.023	4.11 *	7.39 *
B	0.2598721E-09	2	0.1299361E-09	0.943	3.26 *	5.25 *
AB	0.1782965E-09	2	0.8914824E-10	0.647	3.26 *	5.25 *
C	0.1369038E-08	1	0.1369038E-08	9.938	4.11	7.39
AC	0.6445511E-11	1	0.6445511E-11	0.047	4.11 *	7.39 *
BC	0.6802008E-09	2	0.3401004E-09	2.469	3.26 *	5.25 *
ABC	0.7476779E-09	2	0.3738390E-09	2.714	3.26 *	5.25 *
ERROR	0.49592570E-08	36	0.1377571 4E-09			
TOTAL	0.82039189E-08	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.9527206E-03	1	0.9527206E-03	1.311	4.11 *	7.39 *
B	0.3761292E-02	2	0.1880646E-02	2.588	3.26 *	5.25 *
AB	0.7562637E-03	2	0.3781319E-03	0.520	3.26 *	5.25 *
C	0.5187511E-02	1	0.5187511E-02	7.139	4.11	7.39 *
AC	0.3304482E-03	1	0.3304482E-03	0.455	4.11 *	7.39 *
BC	0.8206367E-03	2	0.4103184E-03	0.565	3.26 *	5.25 *
ABC	0.1527786E-02	2	0.7638916E-03	1.051	3.26 *	5.25 *
ERROR	0.26157856E-01	36	0.7266071CE-03			
TOTAL	0.39494514E-01	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1669745E 00	1	0.1669745E 00	1.998	4.11 *	7.39 *
B	0.1890173E 00	2	0.9450865E-01	1.131	3.26 *	5.25 *
AB	0.8092833E-01	2	0.4046416E-01	0.484	3.26 *	5.25 *
C	0.2070943E 02	1	0.2070943E 02	247.749	4.11	7.39
AC	0.3377090E 00	1	0.3377090E 00	4.040	4.11 *	7.39 *
BC	0.9685373E-01	2	0.4842687E-01	0.579	3.26 *	5.25 *
ABC	0.1379205E 00	2	0.6896520E-01	0.825	3.26 *	5.25 *
ERROR	0.3009254 9E 01	36	0.83590414E-01			
TOTAL	0.24728102E 02	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.5526352E-01	1	0.5526352E-01	2.736	4.11 *	7.39 *
B	0.7703972E-01	2	0.3851986E-01	1.907	3.26 *	5.25 *
AB	0.2835464E-01	2	0.1417732E-01	0.702	3.26 *	5.25 *
C	0.5510051E 01	1	0.5510051E 01	272.828	4.11	7.39
AC	0.9544086E-01	1	0.9544086E-01	4.726	4.11	7.39 *
BC	0.3337288E-01	2	0.1668644E-01	0.826	3.26 *	5.25 *
ABC	0.4928207E-01	2	0.2464104E-01	1.220	3.26 *	5.25 *
ERROR	0.72705746E 00	36	0.2019604CE-01			
TOTAL	0.65758619E 01	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.3079069E-01	1	0.3079069E-01	3.197	4.11 *	7.39 *
B	0.1780623E-01	2	0.8903116E-02	0.924	3.26 *	5.25 *
AB	0.4781026E-01	2	0.2390513E-01	2.482	3.26 *	5.25 *
C	0.3831973E 01	1	0.3831973E 01	397.943	4.11	7.39
AC	0.1770735E-02	1	0.1770735E-02	0.184	4.11 *	7.39 *
BC	0.4916543E-01	2	0.2458271E-01	2.552	3.26 *	5.25 *
ABC	0.2339250E-01	2	0.1169625E-01	1.214	3.26 *	5.25 *
ERROR	0.34674704E 00	36	0.96318622E-02			
TOTAL	0.43494561E 01	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.7539988E-04	1	0.7539988E-04	0.083	4.11 *	7.39 *
B	0.2148171E 00	2	0.1074085E 00	117.530	3.26	5.25
AB	0.3149629E-02	2	0.1574814E-02	1.723	3.26 *	5.25 *
C	0.7840878E-01	1	0.7840878E-01	85.797	4.11	7.39
AC	0.7459521E-04	1	0.7459521E-04	0.082	4.11 *	7.39 *
BC	0.1931626E-01	2	0.9658128E-02	10.568	3.26	5.25
ABC	0.3650337E-02	2	0.1825169E-02	1.997	3.26 *	5.25 *
ERROR	0.32899886E-01	36	0.91388573E-03			
TOTAL	0.35239196E 00	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1400337E 00	1	0.1400337E 00	0.789	4.11 *	7.39 *
B	0.3196130E 00	2	0.1598065E 00	0.900	3.26 *	5.25 *
AB	0.8936214E-01	2	0.4468107E-01	0.252	3.26 *	5.25 *
C	0.1141477E 02	1	0.1141477E 02	64.303	4.11	7.39
AC	0.1034713E 01	1	0.1034713E 01	5.829	4.11	7.39 *
BC	0.5769124E 00	2	0.2884562E 00	1.625	3.26 *	5.25 *
ABC	0.1300680E 01	2	0.6503401E 00	3.664	3.26	5.25 *
ERROR	0.63905058E 01	36	0.17751405E 00			
TOTAL	0.21266590E 02	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.3184628E-01	1	0.3184628E-01	0.623	4.11 *	7.39 *
B	0.3293180E-01	2	0.1646590E-01	0.322	3.26 *	5.25 *
AB	0.2340603E-01	2	0.1170301E-01	0.229	3.26 *	5.25 *
C	0.3878156E 01	1	0.3878156E 01	75.873	4.11	7.39
AC	0.2499406E 00	1	0.2499406E 00	4.890	4.11	7.39 *
BC	0.1891026E 00	2	0.9455132E-01	1.850	3.26 *	5.25 *
ABC	0.3822231E 00	2	0.1911116E 00	3.739	3.26	5.25 *
ERROR	0.1840689E 01	36	0.5111359E-01			
TOTAL	0.6627695E 01	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.7806301E-02	1	0.7806301E-02	0.060	4.11 *	7.39 *
B	0.3507888E 00	2	0.1753944E 00	1.355	3.26 *	5.25 *
AB	0.6005658E 00	2	0.3002829E 00	2.319	3.26 *	5.25 *
C	0.4541256E 01	1	0.4541256E 01	35.073	4.11	7.39
AC	0.6514399E 00	1	0.6514399E 00	5.031	4.11	7.39 *
BC	0.5671997E 00	2	0.2835998E 00	2.190	3.26 *	5.25 *
ABC	0.8556119E 00	2	0.4278060E 00	3.304	3.26	5.25 *
ERROR	0.46613245E 01	36	0.12948123E 00			
TOTAL	0.12235993E 02	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.8453753E-09	1	0.8453753E-09	0.338	4.11 *	7.39 *
B	0.1167973E-07	2	0.5839865E-08	2.336	3.26 *	5.25 *
AB	0.1654371E-08	2	0.8271854E-09	0.331	3.26 *	5.25 *
C	0.8453753E-09	1	0.8453753E-09	0.338	4.11 *	7.39 *
AC	0.7488779E-08	1	0.7488779E-08	2.996	4.11 *	7.39 *
BC	0.1654371E-08	2	0.8271854E-09	0.331	3.26 *	5.25 *
ABC	0.5009952E-08	2	0.2504976E-08	1.002	3.26 *	5.25 *
ERROR	0.8999813E-07	36	0.24999483E-09			
TOTAL	0.1191760 9E-06	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.4643655E 00	1	0.4643655E 00	1.000	4.11 *	7.39 *
B	0.9286051E 00	2	0.4643026E 00	1.000	3.26 *	5.25 *
AB	0.9284479E 00	2	0.4642239E 00	0.999	3.26 *	5.25 *
C	0.4645700E 00	1	0.4645700E 00	1.000	4.11 *	7.39 *
AC	0.4643341E 00	1	0.4643341E 00	1.000	4.11 *	7.39 *
BC	0.9288334E 00	2	0.4644167E 00	1.000	3.26 *	5.25 *
ABC	0.9283612E 00	2	0.4641806E 00	0.999	3.26 *	5.25 *
ERROR	0.16721547E 02	36	0.46448743E 00			
TOTAL	0.21829065E 02	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1160742E 00	1	0.1160742E 00	1.000	4.11 *	7.39 *
B	0.2320255E 00	2	0.1160127E 00	0.999	3.26 *	5.25 *
AB	0.2321149E 00	2	0.1160574E 00	1.000	3.26 *	5.25 *
C	0.1176329E 00	1	0.1176329E 00	1.013	4.11 *	7.39 *
AC	0.1161302E 00	1	0.1161302E 00	1.000	4.11 *	7.39 *
BC	0.2323047E 00	2	0.1161524E 00	1.000	3.26 *	5.25 *
ABC	0.2319990E 00	2	0.1159995E 00	0.999	3.26 *	5.25 *
ERROR	0.4180032E 01	36	0.1161120E 00			
TOTAL	0.5458314 7E 01	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.2588233E 03	1	0.2588233E 03	1.000	4.11 *	7.39 *
B	0.5176466E 03	2	0.2588233E 03	1.000	3.26 *	5.25 *
AB	0.5176465E 03	2	0.2588233E 03	1.000	3.26 *	5.25 *
C	0.2588230E 03	1	0.2588230E 03	1.000	4.11 *	7.39 *
AC	0.2588233E 03	1	0.2588233E 03	1.000	4.11 *	7.39 *
BC	0.5176466E 03	2	0.2588233E 03	1.000	3.26 *	5.25 *
ABC	0.5176466E 03	2	0.2588233E 03	1.000	3.26 *	5.25 *
ERROR	0.93176384E 04	36	0.25882329E 03			
TOTAL	0.12164695E 05	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.4684925E-04	1	0.4684925E-04	2.339	4.11 *	7.39 *
B	0.1456141E-03	2	0.7280707E-04	3.633	3.26	5.25 *
AB	0.1966953E-04	2	0.9834766E-05	0.491	3.26 *	5.25 *
C	0.1850945E-01	1	0.1850945E-01	923.530	4.11	7.39
AC	0.1074672E-03	1	0.1074672E-03	5.362	4.11	7.39 *
BC	0.4434586E-04	2	0.2217293E-04	1.106	3.26 *	5.25 *
ABC	0.6926060E-04	2	0.3463030E-04	1.728	3.26 *	5.25 *
ERROR	0.7251423E-03	36	0.2014262E-04			
TOTAL	0.1966416E-01	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1673698E-03	1	0.1673698E-03	2.583	4.11 *	7.39 *
B	0.2036095E-03	2	0.1018047E-03	1.571	3.26 *	5.25 *
AB	0.2045631E-03	2	0.1022816E-03	1.578	3.26 *	5.25 *
C	0.1657312E 00	1	0.1657312E 00	2557.442	4.11	7.39
AC	0.4658699E-03	1	0.4658699E-03	7.189	4.11	7.39 *
BC	0.2398491E-03	2	0.1199245E-03	1.851	3.26 *	5.25 *
ABC	0.1513958E-03	2	0.7569790E-04	1.168	3.26 *	5.25 *
ERROR	0.23329258E-02	36	0.64803494E-04			
TOTAL	0.14949677E 00	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.6198883E-04	1	0.6198883E-04	2.084	4.11 *	7.39 *
B	0.4577637E-04	2	0.2288818E-04	0.769	3.26 *	5.25 *
AB	0.7534027E-04	2	0.3767014E-04	1.266	3.26 *	5.25 *
C	0.2758524E 00	1	0.2758524E 00	9272.557	4.11	7.39
AC	0.3411770E-03	1	0.3411770E-03	11.468	4.11	7.39
BC	0.1695156E-03	2	0.8475780E-04	2.849	3.26 *	5.25 *
ABC	0.1561642E-03	2	0.7808208E-04	2.625	3.26 *	5.25 *
ERROR	0.1070973E-02	36	0.2974934OE-04			
TOTAL	0.27777338E 00	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.2473593E-03	1	0.2473593E-03	15.174	4.11	7.39
B	0.1966953E-03	2	0.9834766E-04	6.033	3.26	5.25
AB	0.6163120E-04	2	0.3081560E-04	1.890	3.26 *	5.25 *
C	0.4906827E 00	1	0.4906827E 00	30099.781	4.11	7.39
AC	0.4529953E-05	1	0.4529953E-05	0.278	4.11 *	7.39 *
BC	0.2026558E-03	2	0.1013279E-03	6.216	3.26	5.25
ABC	0.2491474E-04	2	0.1245737E-04	0.764	3.26 *	5.25 *
ERROR	0.58686733E-03	36	0.16301870E-04			
TOTAL	0.49200737E 00	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1203618E-05	1	0.1203618E-05	3.234	4.11 *	7.39 *
B	0.5038196E-04	2	0.2519098E-04	67.678	3.26	5.25
AB	0.1831388E-05	2	0.9156938E-06	2.460	3.26 *	5.25 *
C	0.1633362E-04	1	0.1633362E-04	43.882	4.11	7.39
AC	0.7497147E-06	1	0.7497147E-06	2.014	4.11 *	7.39 *
BC	0.1621360E-05	2	0.8106799E-06	2.178	3.26 *	5.25 *
ABC	0.6652699E-06	2	0.3326350E-06	0.894	3.26 *	5.25 *
ERROR	0.13399913E-04	36	0.37221980E-06			
TOTAL	0.86186847E-04	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.8190423E-04	1	0.8190423E-04	3.739	4.11 *	7.39 *
B	0.9875651E-04	2	0.4937826E-04	2.254	3.26 *	5.25 *
AB	0.2713054E-03	2	0.1356527E-03	6.192	3.26	5.25
C	0.6338581E-04	1	0.6338581E-04	2.893	4.11 *	7.39 *
AC	0.3342144E-04	1	0.3342144E-04	1.526	4.11 *	7.39 *
BC	0.3083795E-04	2	0.1541898E-04	0.704	3.26 *	5.25 *
ABC	0.3179843E-03	2	0.1589921E-03	7.258	3.26	5.25
ERROR	0.78865979E-03	36	0.21907216E-04			
TOTAL	0.16862554E-02	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)(IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.2559464E-06	1	0.2559464E-06	0.082	4.11 *	7.39 *
B	0.5266990E-04	2	0.2633495E-04	8.439	3.26	5.25
AB	0.3452553E-04	2	0.1726277E-04	5.532	3.26	5.25
C	0.1071853E-03	1	0.1071853E-03	34.347	4.11	7.39
AC	0.1322437E-04	1	0.1322437E-04	4.238	4.11	7.39 *
BC	0.1836642E-04	2	0.9183212E-05	2.943	3.26 *	5.25 *
ABC	0.4241730E-04	2	0.2120865E-04	6.796	3.26	5.25
ERROR	0.11234512E-03	36	0.31206978E-05			
TOTAL	0.38098992E-03	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)(IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1706721E-04	1	0.1706721E-04	7.317	4.11	7.39 *
B	0.2313755E-05	2	0.1156877E-05	0.496	3.26 *	5.25 *
AB	0.3039022E-06	2	0.1519511E-06	0.065	3.26 *	5.25 *
C	0.3785460E-03	1	0.3785460E-03	162.282	4.11	7.39
AC	0.2290317E-04	1	0.2290317E-04	9.819	4.11	7.39
BC	0.1060544E-06	2	0.5302718E-07	0.023	3.26 *	5.25 *
ABC	0.2647052E-05	2	0.1323526E-05	0.567	3.26 *	5.25 *
ERROR	0.83975407E-04	36	0.23326502E-05			
TOTAL	0.50786254E-03	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+F(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1868439E-01	1	0.1868439E-01	3.645	4.11 *	7.39 *
B	0.3244400E-01	2	0.1622200E-01	3.165	3.26 *	5.25 *
AB	0.1012802E-01	2	0.5064011E-02	0.988	3.26 *	5.25 *
C	0.4317074E 01	1	0.4317074E 01	842.296	4.11	7.39
AC	0.1865387E-02	1	0.1865387E-02	0.364	4.11 *	7.39 *
BC	0.1560211E-02	2	0.7801056E-03	0.152	3.26 *	5.25 *
ABC	0.8880615E-02	2	0.4440308E-02	0.866	3.26 *	5.25 *
ERROR	0.1845130 9E 00	36	0.51253636E-02			
TOTAL	0.45751495E 01	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+F(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1887913E 00	1	0.1887913E 00	1.465	4.11 *	7.39 *
B	0.1169014E-01	2	0.5845070E-02	0.045	3.26 *	5.25 *
AB	0.1380920E-01	2	0.6904602E-02	0.054	3.26 *	5.25 *
C	0.3830617E 02	1	0.3830617E 02	297.156	4.11	7.39
AC	0.4312611E 00	1	0.4312611E 00	3.345	4.11 *	7.39 *
BC	0.2908516E-01	2	0.1454258E-01	0.113	3.26 *	5.25 *
ABC	0.6274033E-01	2	0.3137016E-01	0.243	3.26 *	5.25 *
ERROR	0.46407318E 01	36	0.12890922E 00			
TOTAL	0.43684275E 02	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.3147125E-01	1	0.3147125E-01	1.564	4.11 *	7.39 *
B	0.2278900E-01	2	0.1139450E-01	0.566	3.26 *	5.25 *
AB	0.5340576E-02	2	0.2670288E-02	0.133	3.26 *	5.25 *
C	0.1444774E 02	1	0.1444774E 02	717.852	4.11	7.39
AC	0.4431915E-01	1	0.4431915E-01	2.202	4.11 *	7.39 *
BC	0.4539490E-02	2	0.2269745E-02	0.113	3.26 *	5.25 *
ABC	0.7598877E-02	2	0.3799438E-02	0.189	3.26 *	5.25 *
ERROR	0.72454834E 00	36	0.2012643 3E-01			
TOTAL	0.15288345E 02	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.4304260E 01	1	0.4304260E 01	3.046	4.11 *	7.39 *
B	0.1923218E 00	2	0.9616089E-01	0.068	3.26 *	5.25 *
AB	0.1127625E 00	2	0.5630123E-01	0.040	3.26 *	5.25 *
C	0.1176201E 03	1	0.1176201E 03	83.228	4.11	7.39
AC	0.4453888E 01	1	0.4453888E 01	3.152	4.11 *	7.39 *
BC	0.2118530E 00	2	0.1059265E 00	0.075	3.26 *	5.25 *
ABC	0.1585999E 00	2	0.7929993E-01	0.056	3.26 *	5.25 *
ERROR	0.5087640 4E 02	36	0.14132334E 01			
TOTAL	0.1779302 1E 03	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1203618E-05	1	0.1203618E-05	3.234	4.11 *	7.39 *
B	0.5038196E-04	2	0.2519098E-04	67.678	3.26	5.25
AB	0.1831388E-05	2	0.9156938E-06	2.460	3.26 *	5.25 *
C	0.1633362E-04	1	0.1633362E-04	43.882	4.11	7.39
AC	0.7497147E-06	1	0.7497147E-06	2.014	4.11 *	7.39 *
BC	0.1621365E-05	2	0.8106799E-06	2.178	3.26 *	5.25 *
ABC	0.6652699E-06	2	0.3326350E-06	0.894	3.26 *	5.25 *
ERROR	0.1339991E-04	36	0.3722198E-06			
TOTAL	0.8618628E-04	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1954436E-03	1	0.1954436E-03	1.868	4.11 *	7.39 *
B	0.3327429E-03	2	0.1663715E-03	1.590	3.26 *	5.25 *
AB	0.3772974E-04	2	0.1886487E-04	0.180	3.26 *	5.25 *
C	0.6471694E-02	1	0.6471694E-02	61.858	4.11	7.39
AC	0.3687739E-03	1	0.3687739E-03	3.525	4.11 *	7.39 *
BC	0.6613433E-03	2	0.3306717E-03	3.161	3.26 *	5.25 *
ABC	0.5860627E-03	2	0.2930313E-03	2.801	3.26 *	5.25 *
ERROR	0.37663579E-02	36	0.10462105E-03			
TOTAL	0.12420148E-01	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)(IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.8901581E-05	1	0.8901581E-05	0.879	4.11 *	7.39 *
B	0.8585863E-04	2	0.4292931E-04	4.238	3.26	5.25 *
AB	0.5157664E-05	2	0.2578832E-05	0.255	3.26 *	5.25 *
C	0.4564393E-03	1	0.4564393E-03	45.060	4.11	7.39
AC	0.4113652E-04	1	0.4113652E-04	4.061	4.11 *	7.39 *
BC	0.4606135E-04	2	0.2303068E-04	2.274	3.26 *	5.25 *
ABC	0.5221181E-04	2	0.2610590E-04	2.577	3.26 *	5.25 *
ERROR	0.36466867E-03	36	0.10129685E-04			
TOTAL	0.10604355E-	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.2016220E-04	1	0.2016220E-04	0.538	4.11 *	7.39 *
B	0.3268942E-04	2	0.1634471E-04	0.436	3.26 *	5.25 *
AB	0.2323929E-04	2	0.1161965E-04	0.310	3.26 *	5.25 *
C	0.1296478E-02	1	0.1296478E-02	34.577	4.11	7.39
AC	0.2796566E-03	1	0.2796566E-03	7.458	4.11	7.39
BC	0.6291363E-04	2	0.3145682E-04	0.839	3.26 *	5.25 *
ABC	0.1638625E-03	2	0.8193124E-04	2.185	3.26 *	5.25 *
ERROR	0.13498375E-02	36	0.37495487E-04			
TOTAL	0.32288395E-02	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1868439E-01	1	0.1868439E-01	3.645	4.11 *	7.39 *
B	0.3244400E-01	2	0.1622200E-01	3.165	3.26 *	5.25 *
AB	0.1012802E-01	2	0.5064011E-02	0.988	3.26 *	5.25 *
C	0.4317074E 01	1	0.4317074E 01	842.296	4.11	7.39
AC	0.1865387E-02	1	0.1865387E-02	0.364	4.11 *	7.39 *
BC	0.1560211E-02	2	0.7801056E-03	0.152	3.26 *	5.25 *
ABC	0.8880615E-02	2	0.4440308E-02	0.866	3.26 *	5.25 *
ERROR	0.1845130E 00	36	0.5125363E-02			
TOTAL	0.4575149E 01	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.2112846E 00	1	0.2112846E 00	1.669	4.11 *	7.39 *
B	0.8975983E-02	2	0.4487991E-02	0.035	3.26 *	5.25 *
AB	0.1041412E-01	2	0.5207062E-02	0.041	3.26 *	5.25 *
C	0.3927808E 02	1	0.3927808E 02	310.181	4.11	7.39
AC	0.3952084E 00	1	0.3952084E 00	3.121	4.11 *	7.39 *
BC	0.5359650E-02	2	0.2679825E-02	0.021	3.26 *	5.25 *
ABC	0.5293274E-01	2	0.2646637E-01	0.209	3.26 *	5.25 *
ERROR	0.4558660E 01	36	0.1266294E 00			
TOTAL	0.4452092E 02	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.2893829E-01	1	0.2893829E-01	2.436	4.11 *	7.39 *
B	0.2665710E-01	2	0.1332855E-01	1.122	3.26 *	5.25 *
AB	0.7072449E-02	2	0.3536224E-02	0.298	3.26 *	5.25 *
C	0.3193947E 01	1	0.3193947E 01	268.917	4.11	7.39
AC	0.1920319E-01	1	0.1920319E-01	1.617	4.11 *	7.39 *
BC	0.1907349E-03	2	0.9536743E-04	0.008	3.26 *	5.25 *
ABC	0.3250122E-02	2	0.1625061E-02	0.137	3.26 *	5.25 *
ERROR	0.42757416E 00	36	0.11877060E-01			
TOTAL	0.37068329E 01	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.3755737E 01	1	0.3755737E 01	2.324	4.11 *	7.39 *
B	0.2989349E 00	2	0.1494675E 00	0.092	3.26 *	5.25 *
AB	0.2388763E 00	2	0.1194382E 00	0.074	3.26 *	5.25 *
C	0.8040841E 03	1	0.8040841E 03	497.532	4.11	7.39
AC	0.3739136E 01	1	0.3739136E 01	2.314	4.11 *	7.39 *
BC	0.5538788E 00	2	0.2769394E 00	0.171	3.26 *	5.25 *
ABC	0.2386932E 00	2	0.1193466E 00	0.074	3.26 *	5.25 *
ERROR	0.58181183E 02	36	0.16161440E 01			
TOTAL	0.87109053E 03	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1203618E-05	1	0.1203618E-05	3.234	4.11 *	7.39 *
B	0.5038196E-04	2	0.2519098E-04	67.678	3.26	5.25
AB	0.1831388E-05	2	0.9156938E-06	2.460	3.26 *	5.25 *
C	0.1633362E-04	1	0.1633362E-04	43.882	4.11	7.39
AC	0.7497147E-06	1	0.7497147E-06	2.014	4.11 *	7.39 *
BC	0.1621360E-05	2	0.8106799E-06	2.178	3.26 *	5.25 *
ABC	0.6652699E-06	2	0.3326350E-06	0.894	3.26 *	5.25 *
ERROR	0.13399913E-04	36	0.37221960E-06			
TOTAL	0.86186847E-04	[illegible]				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.6833579E-07	1	0.6833579E-07	0.000	4.11 *	7.39 *
B	0.4381834E-02	2	0.2190917E-02	7.649	3.26	5.25
AB	0.3936998E-02	2	0.1968499E-02	6.873	3.26	5.25
C	0.1055540E-01	1	0.1055540E-01	36.853	4.11	7.39
AC	0.2015020E-02	1	0.2015020E-02	7.035	4.11	7.39 *
BC	0.1230077E-02	2	0.6150387E-03	2.147	3.26 *	5.25 *
ABC	0.9045724E-03	2	0.4522862E-03	1.579	3.26 *	5.25 *
ERROR	0.10311196E-01	36	0.28642212E-03			
TOTAL	0.33335167E-01	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1203603E-05	1	0.1203603E-05	3.234	4.11 *	7.39 *
B	0.5038193E-04	2	0.2519097E-04	67.678	3.26	5.25
AB	0.1831402E-05	2	0.9157011E-06	2.460	3.26 *	5.25 *
C	0.1633359E-04	1	0.1633359E-04	43.802	4.11	7.39
AC	0.7497292E-06	1	0.7497292E-06	2.014	4.11 *	7.39 *
BC	0.1621403E-05	2	0.8107017E-06	2.178	3.26 *	5.25 *
ABC	0.6652699E-06	2	0.3326350E-06	0.894	3.26 *	5.25 *
ERROR	0.1339898E-04	36	0.3722194E-06			
TOTAL	0.8618832E-04	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.5453148E-06	1	0.5453148E-06	1.443	4.11 *	7.39 *
B	0.6761870E-06	2	0.3380935E-06	0.894	3.26 *	5.25 *
AB	0.1449112E-05	2	0.7245560E-06	1.917	3.26 *	5.25 *
C	0.3805658E-05	1	0.3805658E-05	10.067	4.11	7.39
AC	0.1537092E-06	1	0.1537092E-06	0.407	4.11 *	7.39 *
BC	0.4564690E-06	2	0.2282345E-06	0.604	3.26 *	5.25 *
ABC	0.8244099E-06	2	0.4122049E-06	1.090	3.26 *	5.25 *
ERROR	0.13608937E-04	36	0.37802603E-06			
TOTAL	0.21519797E-04	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.5240440E-03	1	0.5240440E-03	1.335	4.11 *	7.39 *
B	0.2991009E-01	2	0.1495504E-01	38.104	3.26	5.25
AB	0.2853870E-02	2	0.1426935E-02	3.636	3.26	5.25 *
C	0.3636603E 00	1	0.3636603E 00	926.578	4.11	7.39
AC	0.2098083E-04	1	0.2098083E-04	0.053	4.11 *	7.39 *
BC	0.1254082E-02	2	0.6270409E-03	1.598	3.26 *	5.25 *
ABC	0.1025200E-02	2	0.5125999E-03	1.306	3.26 *	5.25 *
ERROR	0.14129162E-01	36	0.39247672E-03			
TOTAL	0.41337776E 00	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.6030846E 00	1	0.6030846E 00	0.433	4.11 *	7.39 *
B	0.9974478E 01	2	0.4987239E 01	3.580	3.26	5.25 *
AB	0.6350836E 01	2	0.3175418E 01	2.279	3.26 *	5.25 *
C	0.1953361E 02	1	0.1953361E 02	14.021	4.11	7.39
AC	0.5133686E 00	1	0.5133686E 00	0.368	4.11 *	7.39 *
BC	0.1010116E 02	2	0.5050581E 01	3.625	3.26	5.25 *
ABC	0.6089336E 01	2	0.3044668E 01	2.185	3.26 *	5.25 *
ERROR	0.5015448OE 02	36	0.1393180OE 01			
TOTAL	0.10332036E 03	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.3477135E 00	1	0.3477135E 00	0.482	4.11 *	7.39 *
B	0.5052042E 01	2	0.2526021E 01	3.503	3.26	5.25 *
AB	0.3207781E 01	2	0.1603890E 01	2.224	3.26 *	5.25 *
C	0.1076860E 02	1	0.1076868E 02	14.933	4.11	7.39
AC	0.2758284E 00	1	0.2758284E 00	0.382	4.11 *	7.39 *
BC	0.5211633E 01	2	0.2605816E 01	3.614	3.26	5.25 *
ABC	0.3078126E 01	2	0.1539063E 01	2.134	3.26 *	5.25 *
ERROR	0.2596036E 02	36	0.72112878E 00			
TOTAL	0.5390243E 02	47				

MODEL Y(IJKL)=M+A(I)+B(J)+AB(IJ)+C(K)+AC(IK)+BC(JK)+ABC(IJK)+E(L)((IJK))

SOURCE	S.S.	D.F.	M.S.	CALC F	95 F	99 F
A	0.1080648E 03	1	0.1080648E 03	1.512	4.11 *	7.39 *
B	0.3257385E 03	2	0.1628692E 03	2.279	3.26 *	5.25 *
AB	0.1770939E 03	2	0.8854693E 02	1.239	3.26 *	5.25 *
C	0.6934206E 03	1	0.6934206E 03	9.704	4.11	7.39
AC	0.1074682E 03	1	0.1074682E 03	1.504	4.11 *	7.39 *
BC	0.3234604E 03	2	0.1617302E 03	2.263	3.26 *	5.25 *
ABC	0.1764448E 03	2	0.8822239E 02	1.235	3.26 *	5.25 *
ERROR	0.25724086E 04	36	0.71455795E 02			
TOTAL	0.44840999E 04	47				

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13. ABSTRACT

A test plan is formulated and executed to obtain a random sample of measurements on the U. S. Army Missile Command's Land Combat Support System Electronic Test Group equipment.

Analyses of the data establish sample estimates of bias, accuracy, and stimulus setting errors and the standard deviation of measurement on 14 combinations of parameters and scales (e.g., dc voltage, 10-volt scale). The analyses pose hypotheses about the statistics and test these hypotheses against appropriate frequency distributions. They include the principle of analysis of variance, which makes use of bias error, accuracy error, stimulus setting error, and sample variance. These four parameters are used as response variables to establish the effects of the main factors of test durations, time delays, and machines and combinations of the main factors (i.e., interactions) on the computed response statistics for each of the 14 parameters and scales considered.

The overall estimates of the precision (standard error of measurement) for each parameter and scale are related to actual weapon system tolerances to obtain probability estimates of the risk of passing a bad unit ("undetected defect") or holding a good unit ("false alarm") in a single test in a checkout procedure. Single checkout probabilities are related to multiple sequential checkout probabilities.

DD FORM 1 NOV 65 1473 REPLACES DD FORM 1473, 1 JAN 64, WHICH IS OBSOLETE FOR ARMY USE.

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14. KEY WORDS	LINK A ROLE	LINK A WT	LINK B ROLE	LINK B WT	LINK C ROLE	LINK C WT
Land Combat Support System						
Electronic Test Group (ETG-3)						
Frequency distributions						
Bias error						
Accuracy error						
Stimulus setting error						
Sample variance						

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