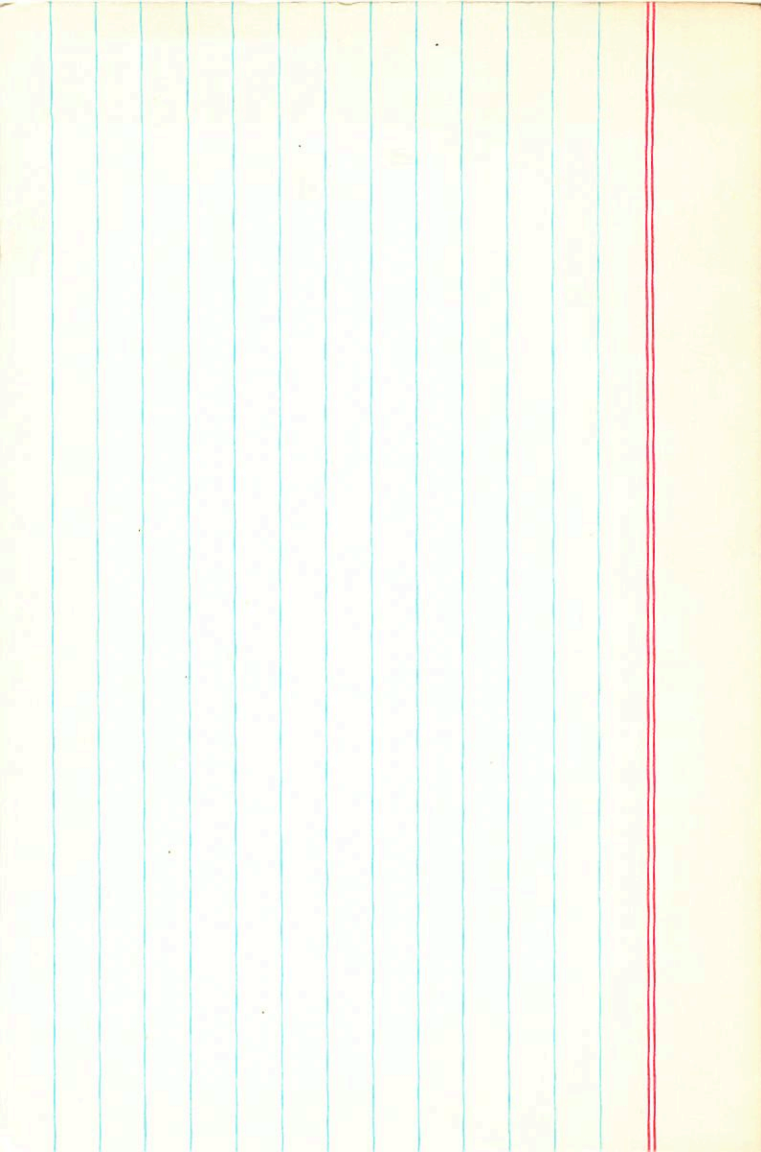


222163 20 35.8 -39 17 K1 III -10.3 46

FD1093

9.02 1.23 2.29

+0.057 -0.046 CP →



8.5-
8.11
0880
fall
D.3.0

9810 9938
9838-1117

32.7

28.0
15.9

361-011

+374
-008
-006

+365 -002 GC

65-0.6 t

013

+035076.7-00276.0
+0332
+45

1929.7

21.75
-31

1926.2

2206
11

+45 2155 18973

6.6 6.5 7.6

21.8
-20
22.0
21.70
21.50
21.30
17.45
3.4
1926.2

30.7

253
515
10.018

361-011
6340-011
6340-011

23

2932
313

202
208
200

25.122
12.972
16.15

28.240
1.845

30085

611-7

H 12864

222143
32845
1812

-407 554 718 694 +374-006 -0.6 -004 0 -019
037 0 370-004 194 1753 -0 0 0 04

+5 +44 0

[+39-17-11]

+5 +46 0

035

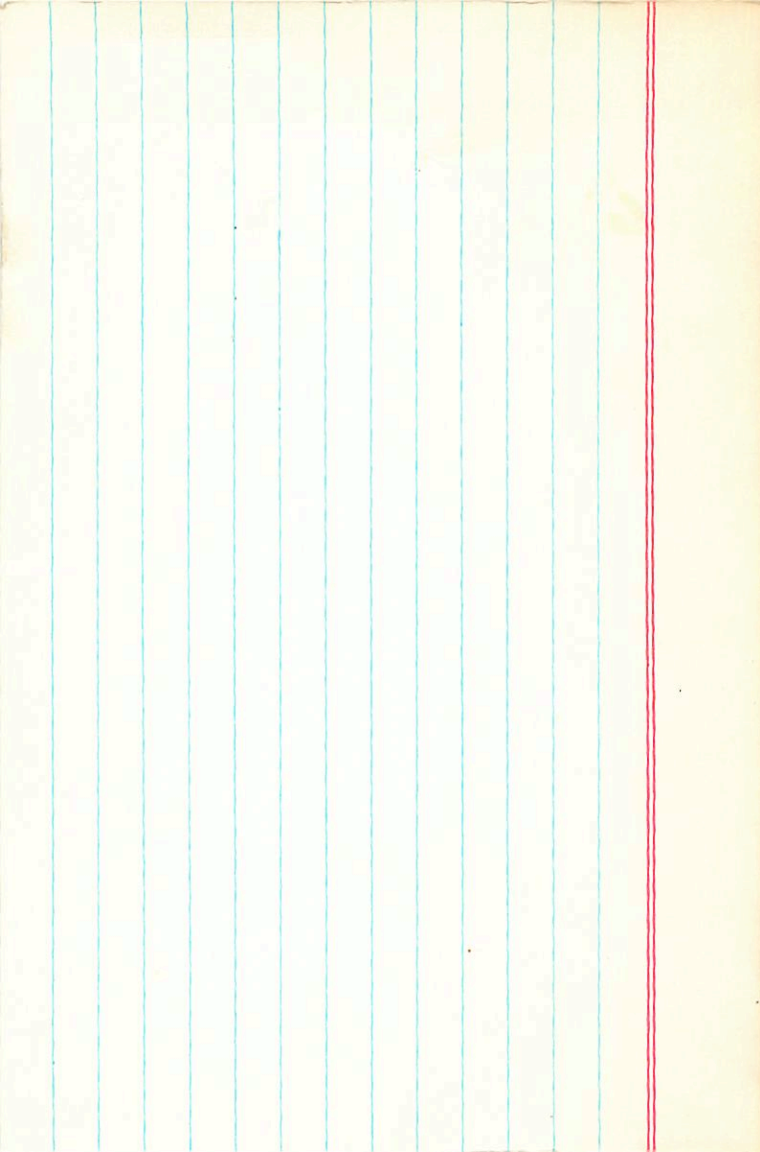
[+40-18-11]

222167 23 35.9 - 63 10 66 TE -38.94C

FD1094

6.62 +93 1.43

20
x
x



222317

32868

14822

23 37.0

+27

58

7.0 0.0

-4 d

+9.9 (C)

+319 +205 AGRIC

25p?

05E

+093-005 →

8970

23

37.4

+9

24

02

1995220

-3①

61.7m.

+092-003

875

480 +060

+3857 +0113

3970

+24.5

-400

646 649

-1763 +0153

-1610

-9.9

-272

542 -757

-1199 +0140

-1059 -6.5

9959 9789 0907
6566 2042 6144
-0906

421

+0063 ± 51
-007 ± 3.8

23.062
927
+005
+000
-000
0.75
83.4

+0060
+0060
+0060
47
1.2-2

~~1.829.64~~
21

22041
22181
15.0

1.17
-14
5.01
+0060 -003
+0063 -001
0.948
0.944 -0024

22007
22011
58.73

0.88
0.77
1.39
0.93-002

21894
14
91
33.8
1.02
97
9.43

+0066±10.0 -150±7.8
+0071

5(7)

222412 23 375 -26 29 7.60 +13 F612 4±1

32885

49.095 1899.9 -26 28 37.92 1896.0

8.10
29.82

33.6

-331
764
481

70.563
18.532
49.095

53.63 1934.84 748
18.50
35.13

4008
49.095
0.42
1635
48.986

3501
25
3473

33.7
3473
3411

48.986
13
973

3411
18
3429

1933.64

34.57



MSd 222433

HR8975 32988

W14836 14836

23 38.0 -32 21

45.30 +0.97 900

-006420 -05120N30

214(24) -0072532 -055523.166 → N30

Answer to 6:

+156

+14.10

5,15

+15.4 ± 0.3

+14.1 ± 1.5

+14.8 a

-100 -055 66

-051 -051 N

-094 -049 P

-090 -050 GCT

-052 -050 17, 2, 3

? m

~~96 995 -535 845 -089-050 +64.1 027 -7.5 -199~~

009 003 -089 027 -171 -407 +11.9 +11.8 -1.1 07

-0.5

+3.2 -21.5 -17.5 02

-26.8 -1.9 -7.5

+5.0 -17.3 -15.5 025

-22.0 -1.3 -9.8

0215

+4.0 -19.5 -16.5 022

-24.6 -1.8 -8.0

222450 23 38.5 + 008532 21 35.12 + 21.5 + 0.9 (15)
+0087±7.8 +053±5.8
+036

32896

7.13 + 6.6

30.424 1898.5 - 32 21 55.51 1896.1

$\frac{-448}{976}$

29.976

11.363

18932

$\frac{30.261}{2332}$

$\frac{21}{202}$

30.497

$\frac{-20}{497}$

30.497

$\frac{-20}{497}$

148

$\frac{-2.86}{58.37}$

16.29 1981.10

18.65

$\frac{57.64}{57.52}$

$\frac{57.52}{57.0}$

$\frac{57.0}{56.35}$

$\frac{56.35}{56.29}$

56.35

1955.5

56.29

866
43.3
117.2

1336

$\frac{56.68}{56.69}$

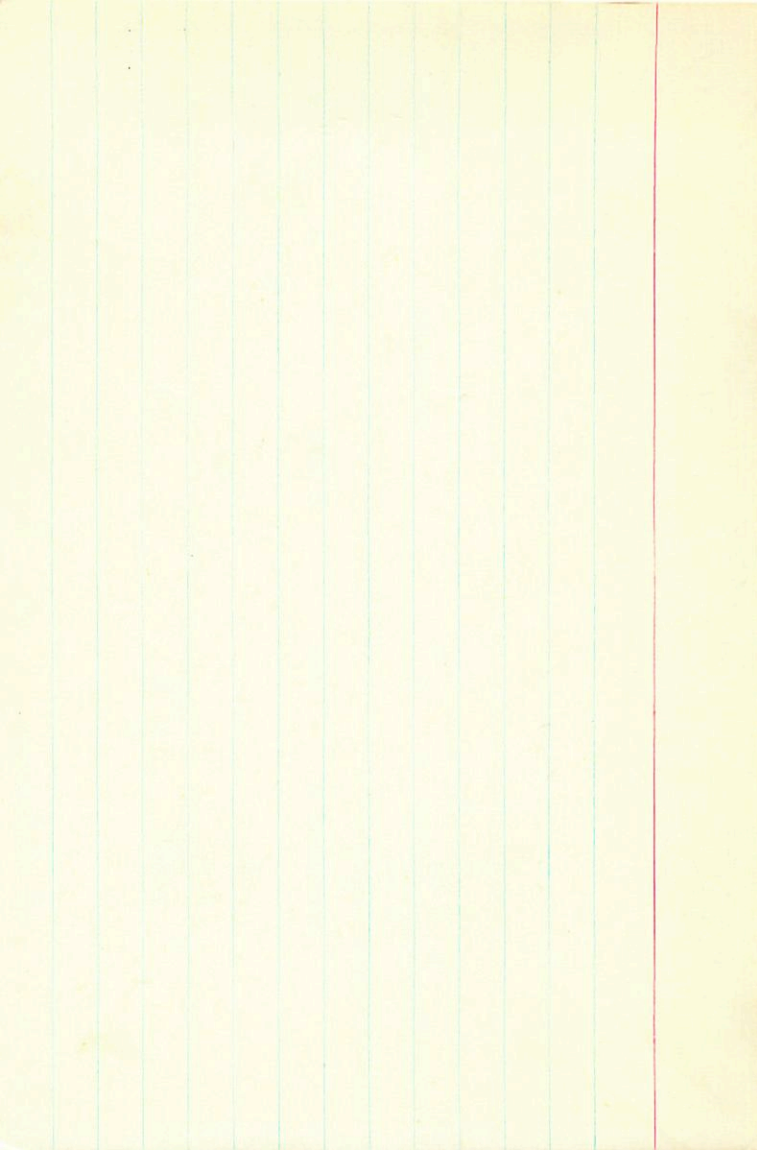
$\frac{56.69}{57.0}$

$\frac{57.0}{56.35}$

56.35

1955.5

56.29



+730 1051

-0496 ± 106
-0536

+081 ± 15.0
+054

222599 23 38.9 +74 07 8.8 d67 -2488

32907

14842 53.696 1901.7 +74 7 28.57 19040

2.394
56.082
54.53
40
570

-3.73
24.84
26.4
-17
26.23

19 29.9

(-0496 ± 106)

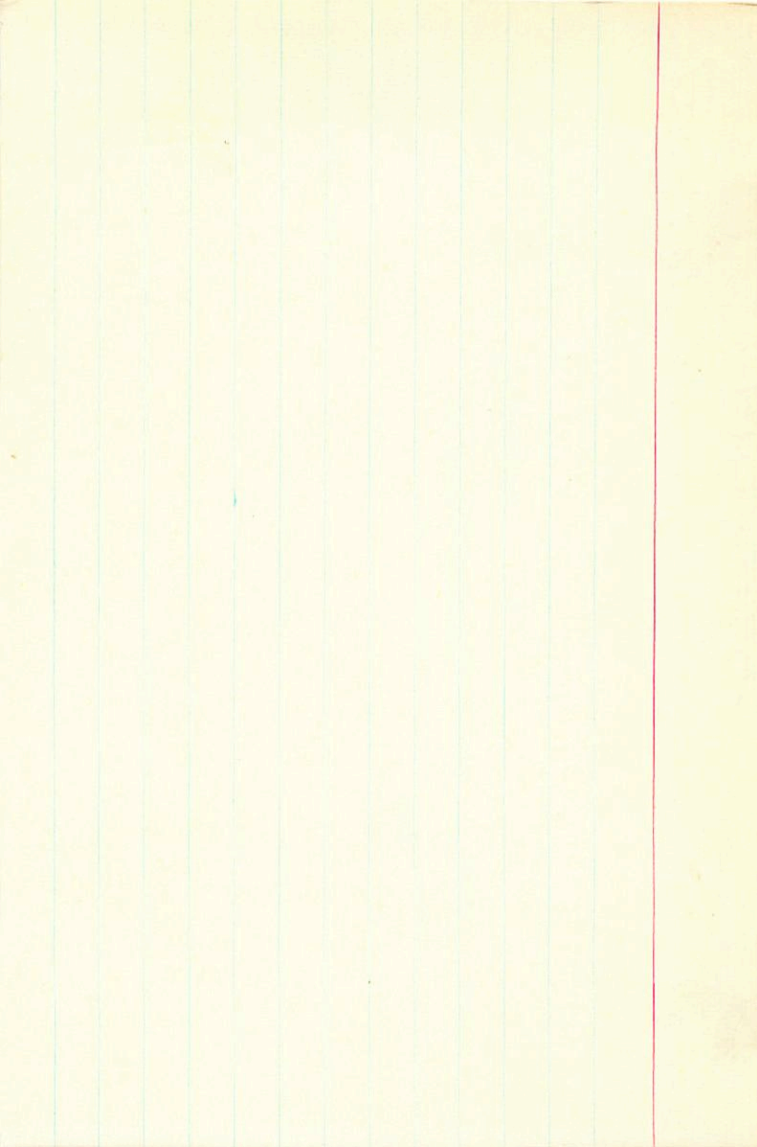
-0508 - .209

-0536

(+081 ± 15)

+051 G P

+054 nav



103 Apr
222547 23

-0080 ± 23
-0024
-18

5.6 g NS + 25.18

32908

14843

58.960

-18

18

12.76

18954

155
115

59.115

41.183

17.902

59.085
-30
062
-053

58

38.0

59.024
-091

59.013
-16
58.995

3.62
5.14

20.38 1933.37

18075
11.63
11.11

11.32
-2.18

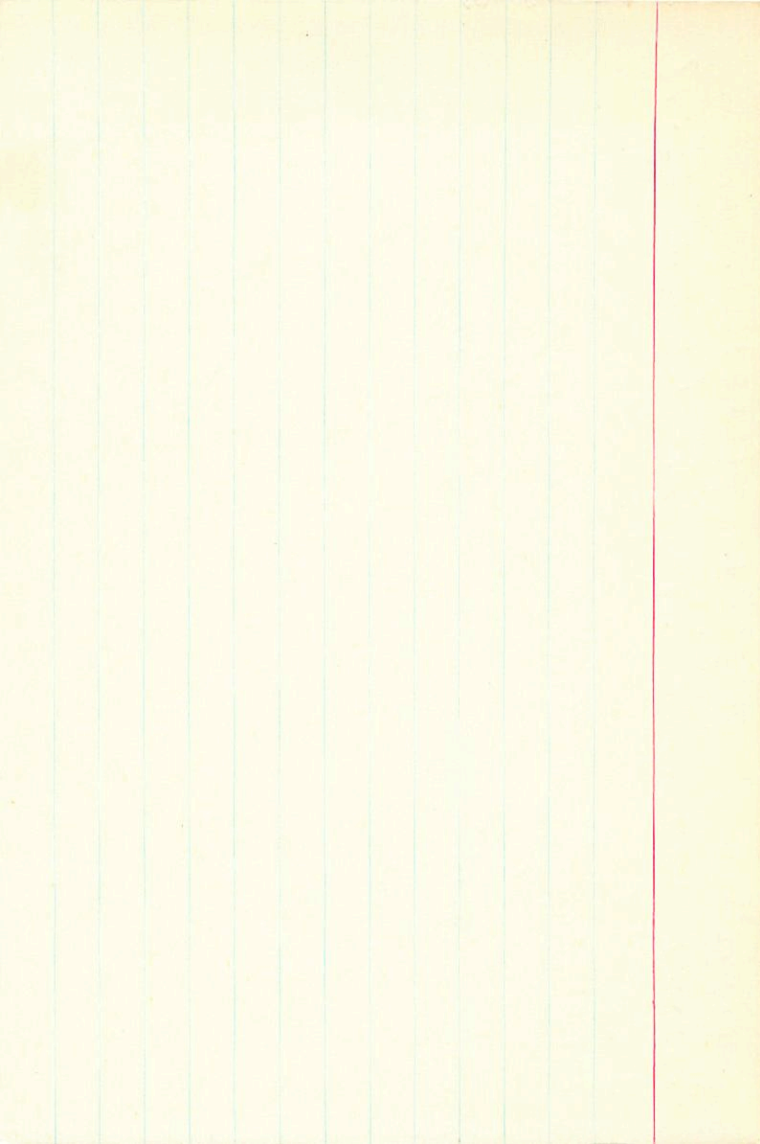
11.52
34
11.18

231
36.2

11.119 1938.94

11.58
11.45

41.2



22259F

23

39.0

+75

18

8.0

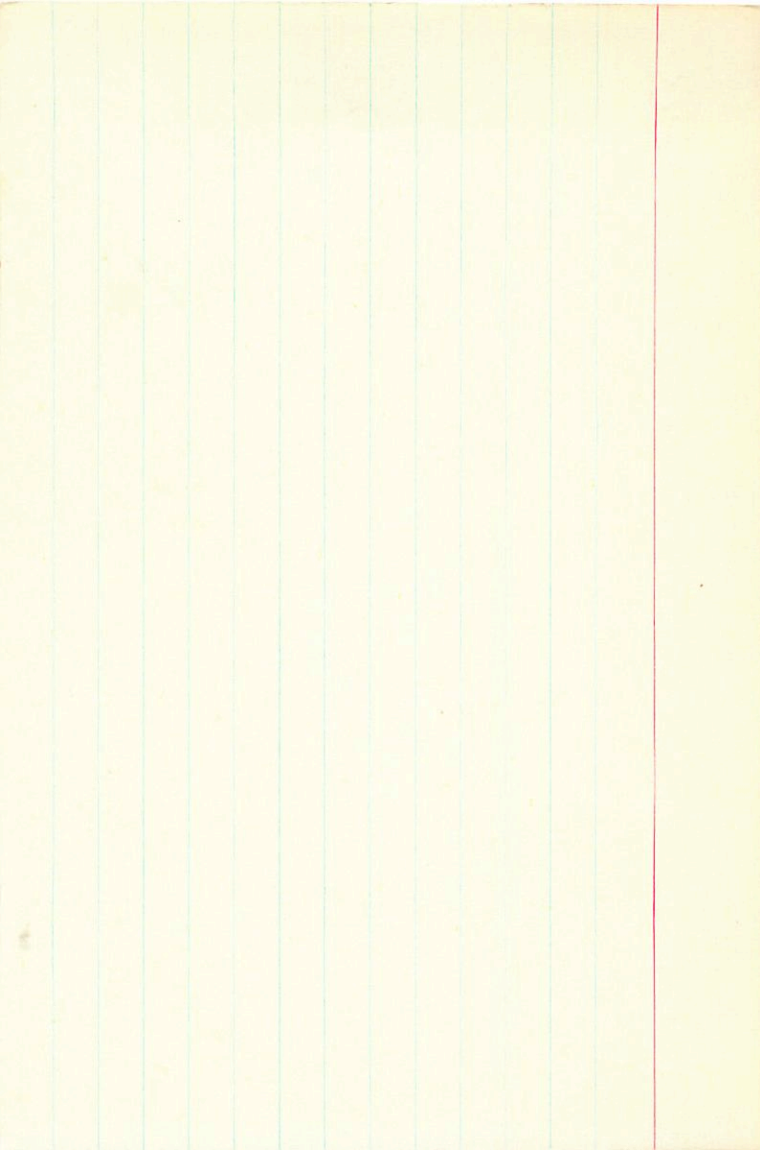
969-458

3W

+7401034

14844

-028 -059 6-P



+0023+53 -04564.5
+0024 -046

022576 23 39.3 -42 33 7.11+1.02 2.07 11.111
32913 +4.250.4
S(4)

18.115 1504.5 -42 32 44.93 1901.4

$\frac{2.19}{42.74}$

36.0

58.425
19.778
18.293
1134
134
0

2.72 1926.59 810.1
18.80
43.912
43.81
+3.92
45.11

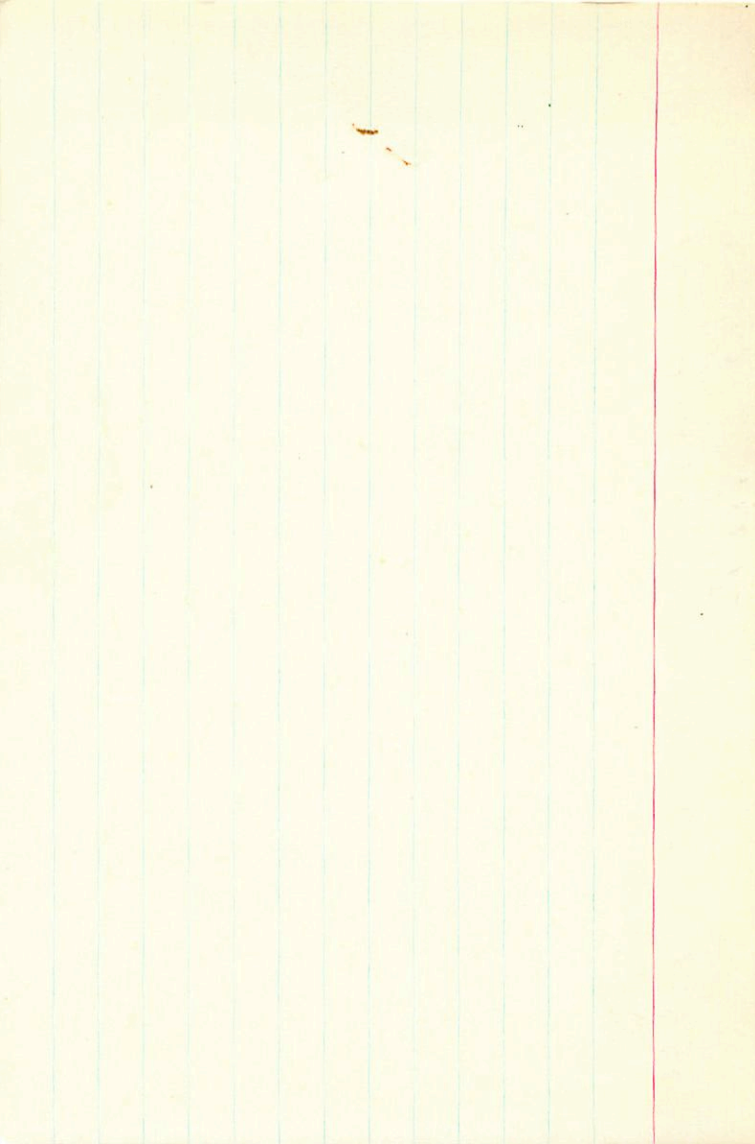
$\frac{2.04}{10.2}$
10.2
+0.86

905.22
44.578
-1.42

45.11 1954.42

18.163
137
130

$\frac{1.7}{45.23}$



222603

23

35.5 + 30

1449 1005 1.258 -486

1182.5
1000 412

8784

1208
1551
12105

108 203 891 2832
115

8505	5709	1411
5254	9146	0084

20

12-1-72

DEC 1 1972

PM 3.45

STATION

MODULE

VAL

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

2

R.A.	:	23.650
DEC.	:	1.500
PM. R.A.	:	0.000
PM. DEC.	:	0.000
DISTANCE	:	0.000
MODULUS	:	10
RAD. VEL.	:	0.000

q1 (U)	:	0.875
q2 (U)	:	0.484
q3 (U)	:	-0.000
dU	:	0.000
U	:	0.000

q1 (V)	:	-0.403
q2 (V)	:	0.730
q3 (V)	:	0.551
dV	:	0.000
V	:	0.000

q1 (W)	:	-0.267
q2 (W)	:	0.482
q3 (W)	:	-0.886
W	:	0.000

8984

23 39.5 + 1 30 + 7.2

222603

449 005 1.258

32917

449 + 20 + 10.0

1167
1000

105 203 891 2.832

FIN 1551

10859 - 1551

058 208 888 850 - 2.8185

226

452

868

13108

146

-129

-155

2095

+12.0

BND 51

12

R.A. : 23.650
DEC. : 1.500
I. R.A. : -129.000
I. DEC. : -155.000
STANCE : 2.950
MODULUS : 39
). VEL. : 12.000

q1 (U) : 0.875
q2 (U) : 0.484
q3 (U) : -0.000
dU : -890.372
U : -34.645

q1 (V) : -0.403
q2 (V) : 0.730
q3 (V) : 0.551
dV : -290.077
V : -4.671

q1 (W) :
q2 (W) : -0.267

+000429.5
 +00000
 +00149.0
 -40.2
 +50.59
 6.3
 6-8 III
 0.000
 -11.68

32916

14850

222618

23

39.5

+50.59

6.3

6-8 III

-11.68

29.442

1903.6

+56

58

57.72

1902.7

-019

1423

-05

57.67

1423

17.34

11.48

29.327

1449

1449

1449

1449

29.441

1449

1449

33.0

38.2

18.88

57.08

57.10

57.18

25

57.43

57.13

57.13

57.78

1927.5

7326

36.6

121

57.60

-07

33.9

1945.74

222642 23 39.8 +44 29 6.9 FO +5.38
+0063± 4.7 -021±3.4

32923

14852

45.805 1901.1

+44 28

42.09 1596.4

308

45.497

31.755

13.765

45.580

606

594

48.627

603

1.13

43.22

23.2 1526.8

18.92

42.12

42.22

42.42

(27.1)

43.22

23.2 1526.8

18.92

42.12

42.22

42.42

65

28.2

31.8

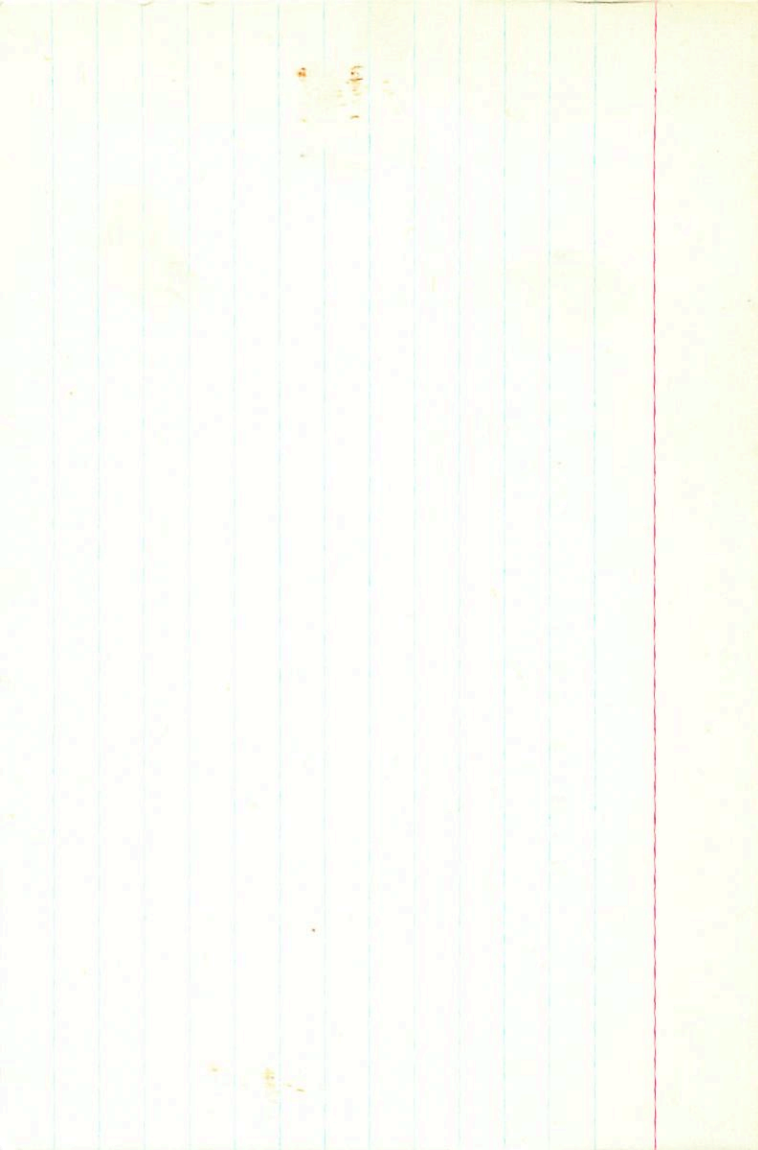
42.41

81

42.4 1929.7

20

42.40



222688 23 40.5

32935

10.5 3.8

10.445" { $\Delta m_{0.5}$
0.5

-0010 ± 9.5
-0018
+004

-46 35

6.63 + 91 1.96
68 IV - 4.9 ± 0.5
63(5)

26,685 1899.7 -46 35 23.88 1895.2

050
735

41.4

6.756

20.050

26.103

7.344
100
60

26.699
20
659

24.65

43.71 1927.73

190.6

24.65

24.65

24.65

8.17

41.6

24.65
45.59

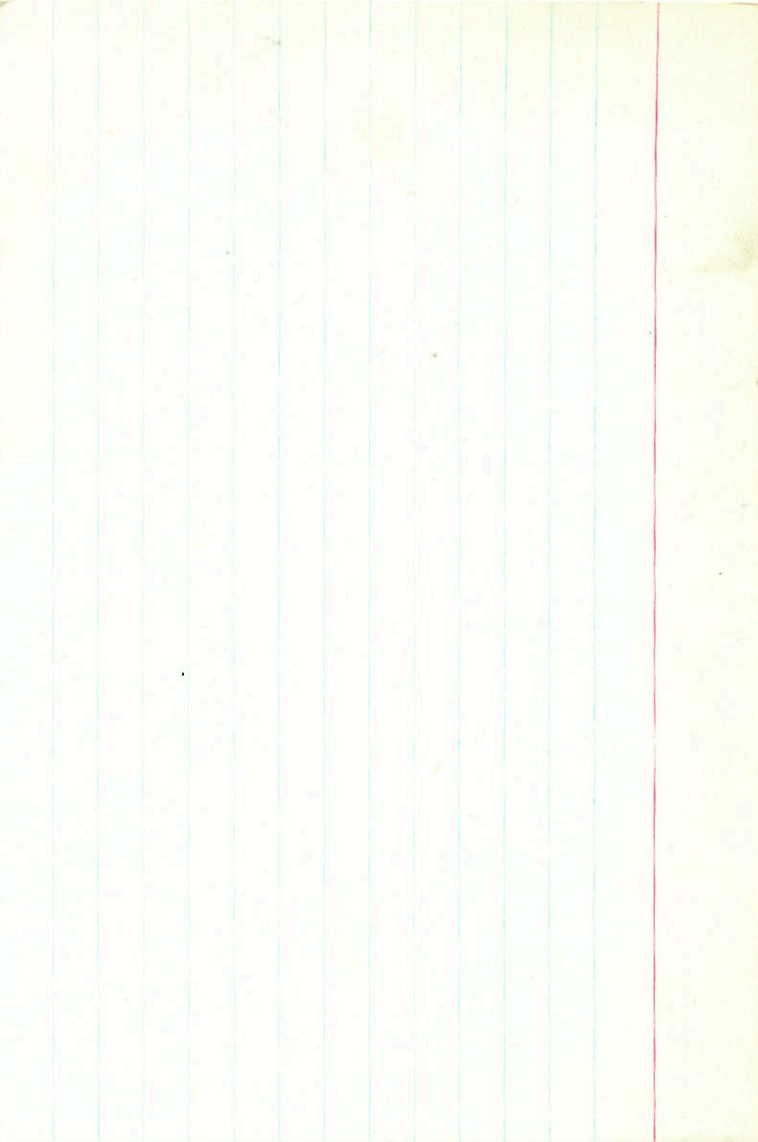
720

1954.84

24.65

24.65

661
177
460



+0285 ± 5.9 +013 ± 5.1
+0298 = 2

222803 23 41.4 -45 22 6.11 +0.99 914)

32951

~~6810~~ -30.5 ± 0.6

20.762 1493.4 -45 21 35.24 1898.7 -26.3 1512

-1.613

19.149

0.525

19.782

20.307

20.8

21.169

21.068

0.28

1197
20.598

17.449

48.6

-0.80

39.09

58.58 1128.59

19.22

39.36

39.26

39.27

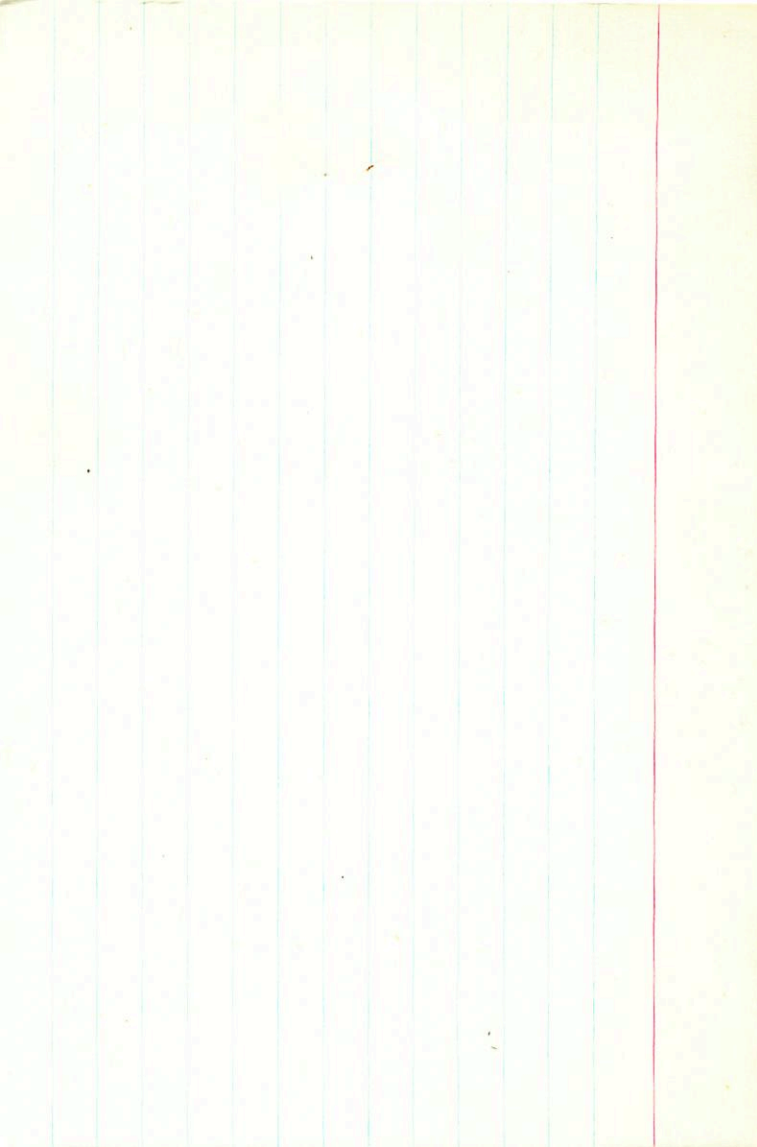
38.96

39.12

39.20 -11
4.89

1955.45

8404
42.0
53.3



14864

2341.5 +29.05

-6.96

-7.5 (9)

H9922862

474 -1 0 278 6374

431 1293

HR8997

1052

933 1293

4067 -0.3B

279

1040.02

8-3

875 427 226

+2790 +0668

+3458 +277 -1.5

-406 354 825

-1293 +0616

-0678 -5.4 -5.7

-263 814 -515

-0837 +1274

+0437 43.5 43.6

184

305 7.3

10.1

22

R.A. : 23.700
DEC. : 29.100
M. R.A. : 86.000
M. DEC. : -22.000
DISTANCE : 3.650
MODULUS : 54
D. VEL. : -7.300

q1 (U) : 0.875
q2 (U) : 0.423
q3 (U) : 0.234
dU : 267.633
U : 12.667

q1 (V) : -0.410
q2 (V) : 0.395
q3 (V) : 0.822
dV : -187.281
V : -16.060

22

q1 (W) : -0.256
0.816

222860

23 41.7 + 0 26

+4.76

2.97 + 53 + 12 1895

-0054 + 036 (conting)

.353 1201 .447 2.636 4.341

264

-016 -035

6316

9484

2811

5292

-7322

8460

5332

-6231-7396

0367 + 0117

4.71

-0015 ± 53

-030±4.7
-032

44441 1410.0 -0009

6.75 1405.2

$\frac{072}{44.853}$

1.34
~~8.19~~
8.12

-00135-031

-00120 -031

4705
1476

41.25

12.831
30.724
49.555
-10.311
44.828
-028

-0180
-016-035

7.04
10.1
70
-06
6.48
-11.4

222860

23

~~-0018 ± 5.3~~ ~~-030 ± 4.7~~
~~-0009~~ ~~-030~~

41.7

+00

26

8.0 dR8 +478

32961

14866

44.418 | 1910.0

+0 26

6.78

1905.2

Garby
0004 -036

$\frac{072}{553}$

~~-0015~~ ~~0033~~
~~-0013~~

$\frac{1.34}{8.12}$

000 -036

44.533

~~-020~~
197

6.57 1936.50

$\frac{4}{537}$

(27.0)

$\frac{+16}{6.73}$

13.831

$\frac{530}{-023}$

47.28

1407
 $\frac{1407}{37.0}$

30.724

44.555
0

$\frac{33}{522}$

-015-037

1974

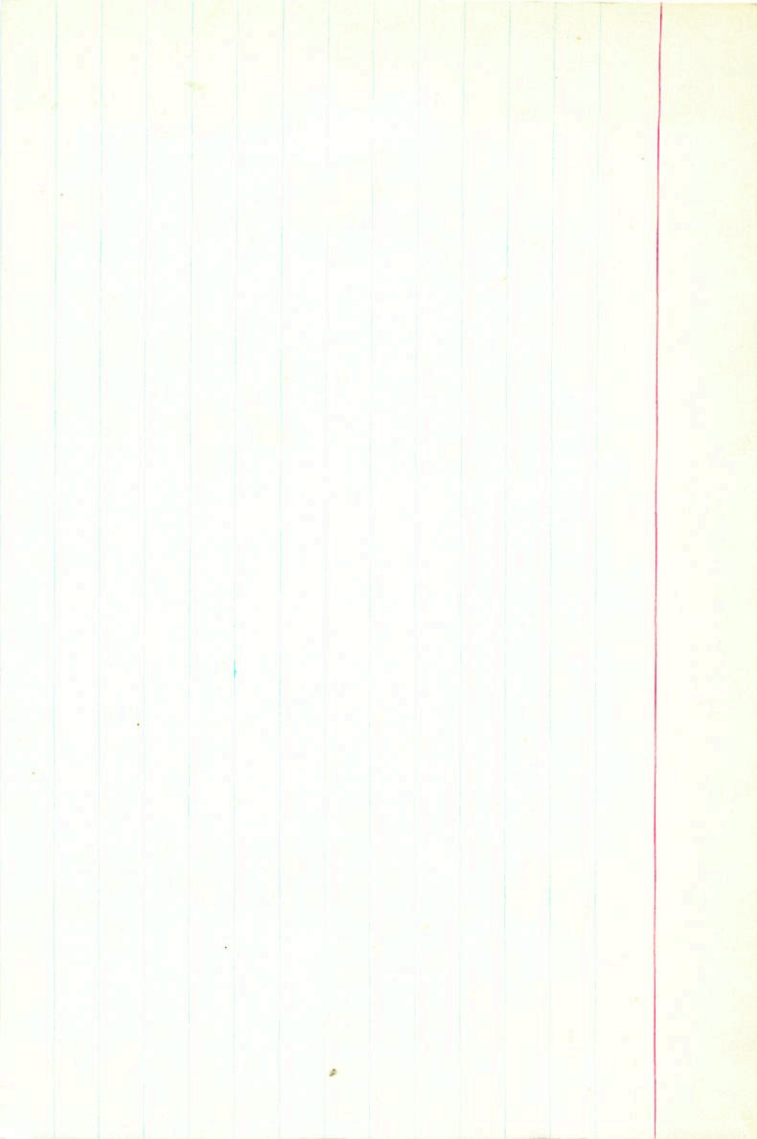
$\frac{7.04}{+1}$

1937.57
 $\frac{6.85}{-1.27}$

(31.8)

6.97

1110585 206229 WRS 2541



222872 23 41.9 -26 31 F8E

9.5 8" 6.07+48 6 1E43

1316 .191 .502 2.622 10,10,7

248

222872

23 4.9 - 26 31 +15.646

F01058

+2007
(+18.2)

663242
3208
4.5
4.7

6.16 + 50 1.63

005674 - 013748

-075-13

52425 18449

26.39 1840.7

304
53.231

25.62
77

34443

45.84 1333.58

18.240

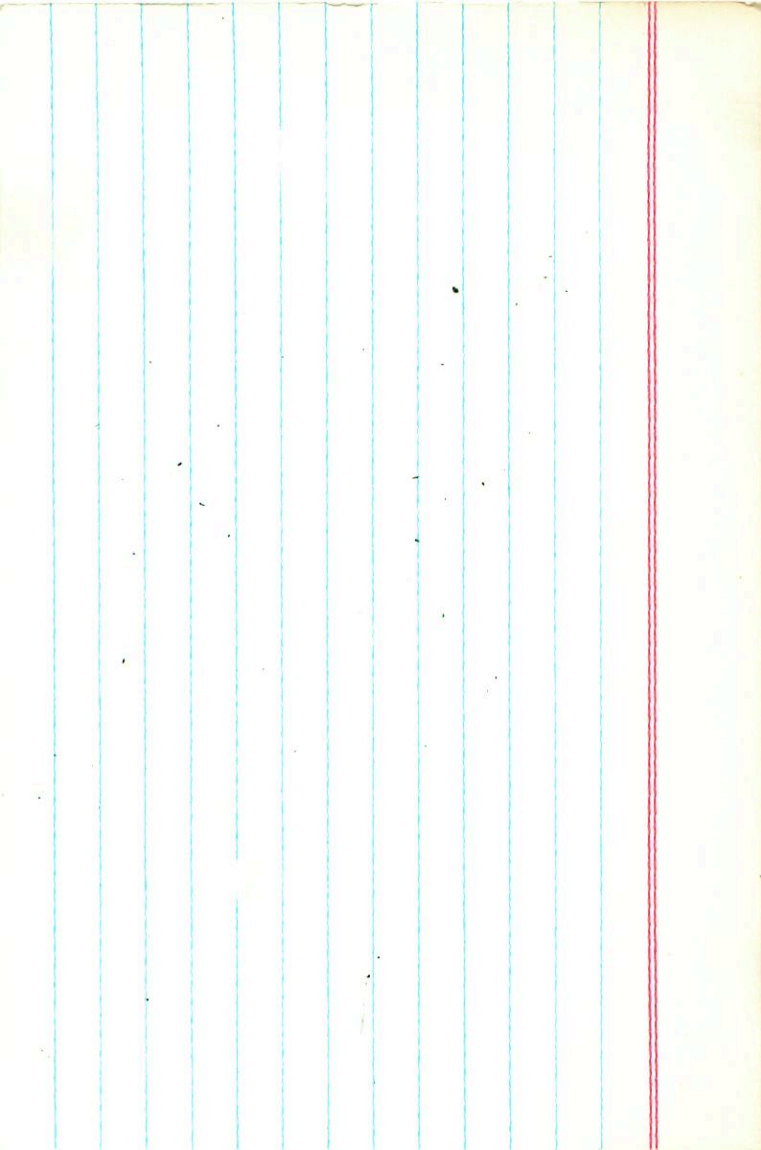
19.32

53.183

26.92

169
12

22
324



+0022433 -00342.9
+0026 +002

222932 23 42.4 +55 31 6.6 564 +8.76

32971

14871 21.434 1891.5 755 31 19.34 1888.4

-129
305

8.44

12.842

21.124

406

404

21.454

10

464

21.4521/456

48.1

24

481

1126

18
19.52

59.4 1928.0

19.42

18.88

18.50

24

19.14

20.30

-26

20.02

20.532

11217.0
39.6

50.7

58.86

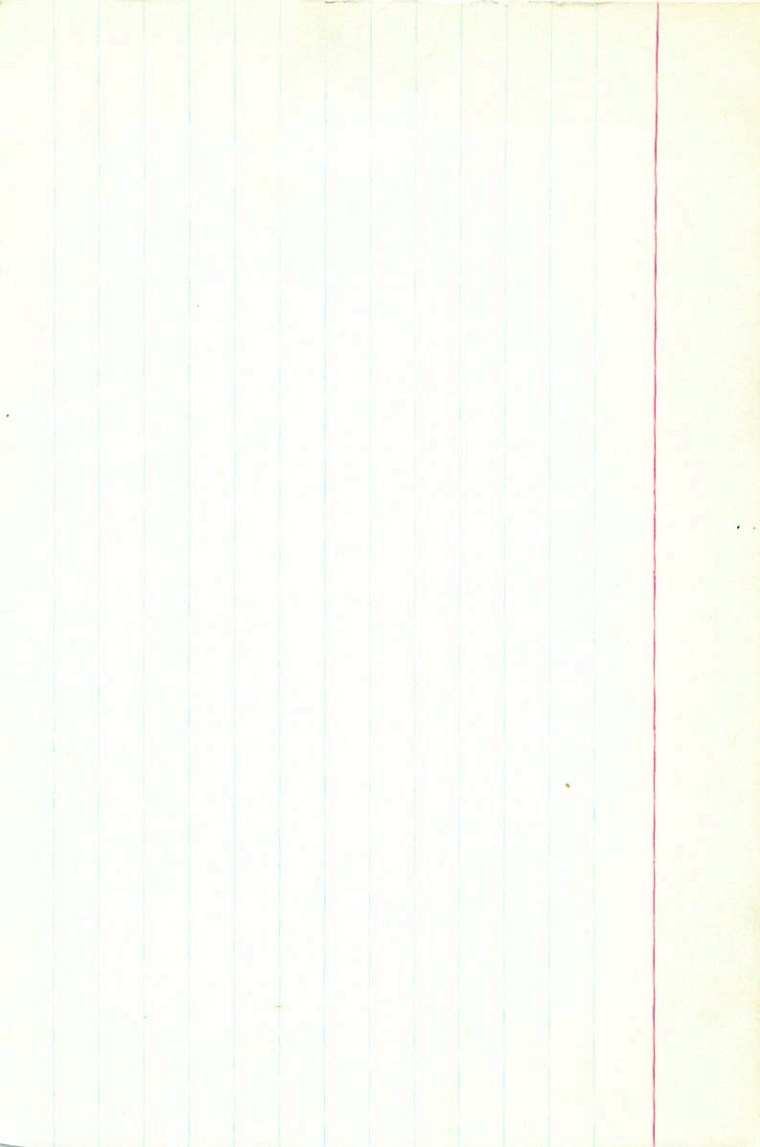
19.62

+10

1944.83

1946.87

1970



223029 23 43.4 -00 01 d/f/c

663249

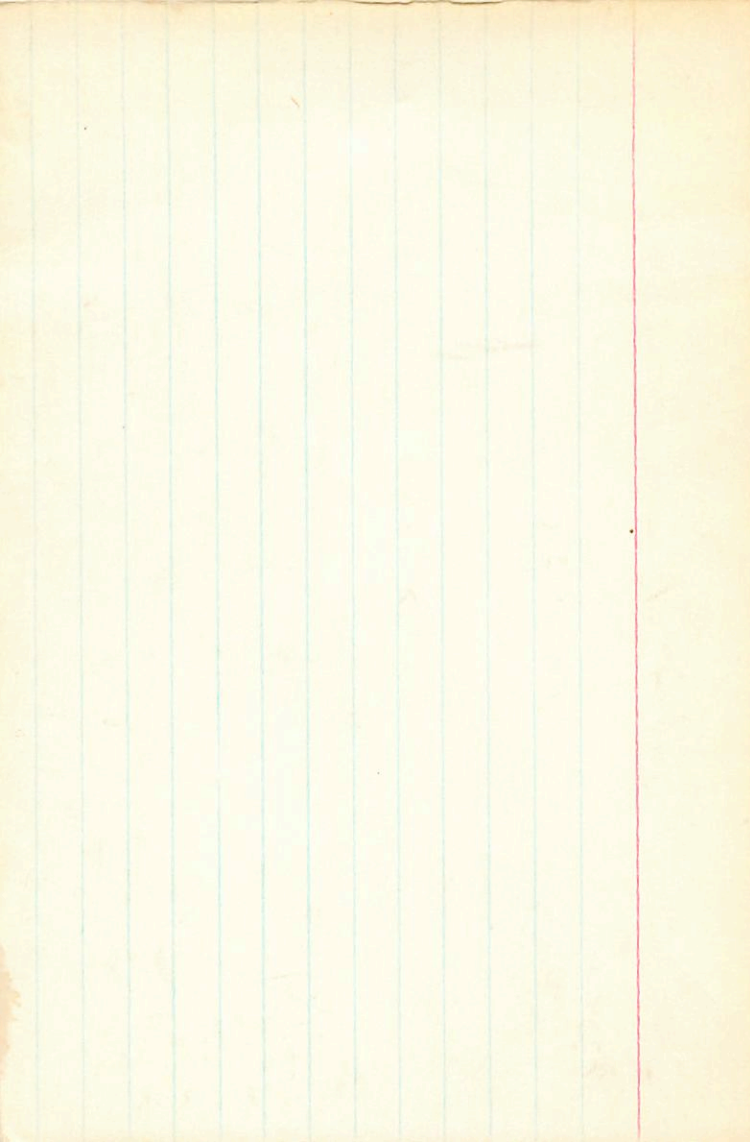
7.97 +53 +3 3 eggs ✓

.355 .185 .386 2.581 ② 1.5, 6, 11

[67] 249

[67] 315

5.00 -17. 33 +18 -15 -32.5
-2 -2 -1 -49



A0516978

223029

-0012±3.2 -0.47±2.3
-0009 -0.5

23 43.4 -00 01 7.8 dF6 -32.58

32487

7.97 + 5.3 + 3 (3)

14874

-0 0 54.08 19027

11m34

26.334 19093

$\frac{049}{1,383}$

$\frac{2.22}{51.86}$

26.382
-20

54.07 1938.56

$\frac{362}{28.6}$

28.6

55.654

20.702

26.388

$\frac{-33}{355}$

$\frac{358}{-025}$

31
53.76

13.39 1937.20

14.18

5.76

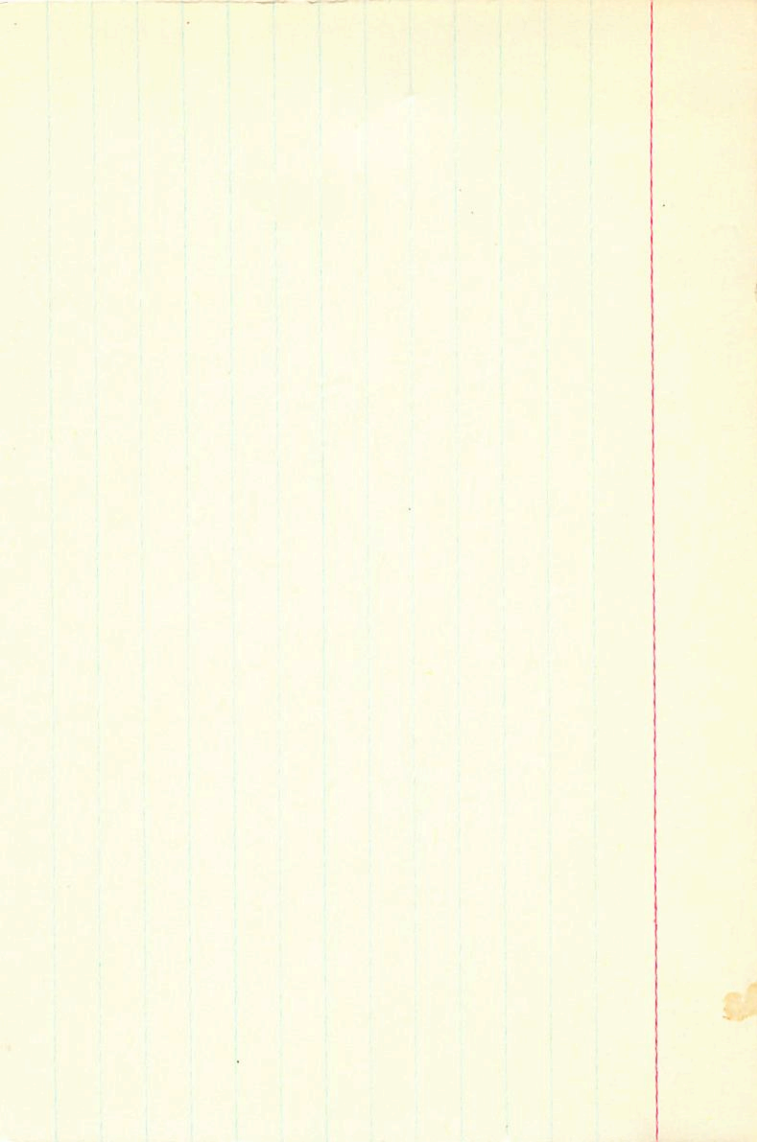
53.57

37.9

$\frac{53.58}{-8}$

35.2

$\frac{53.67}{-1.81}$



-0220745 -02373.8
 -0218
 -037
 23 440 + to 15 74 87 + 0.88
 223096
 33000
 14885

0.944 16017 + 0 15 9.61 15001

097
1401

44195
 16.815
 1010

1013
966

6978
 +
 2669

987
054

30.2

1.15
10.76

49.42 - 1527.30

19.70
9.12

9.20
076

941 1936.50

357
357

388
318

