

2218
43023

6 11.4 = 3 44 9 87

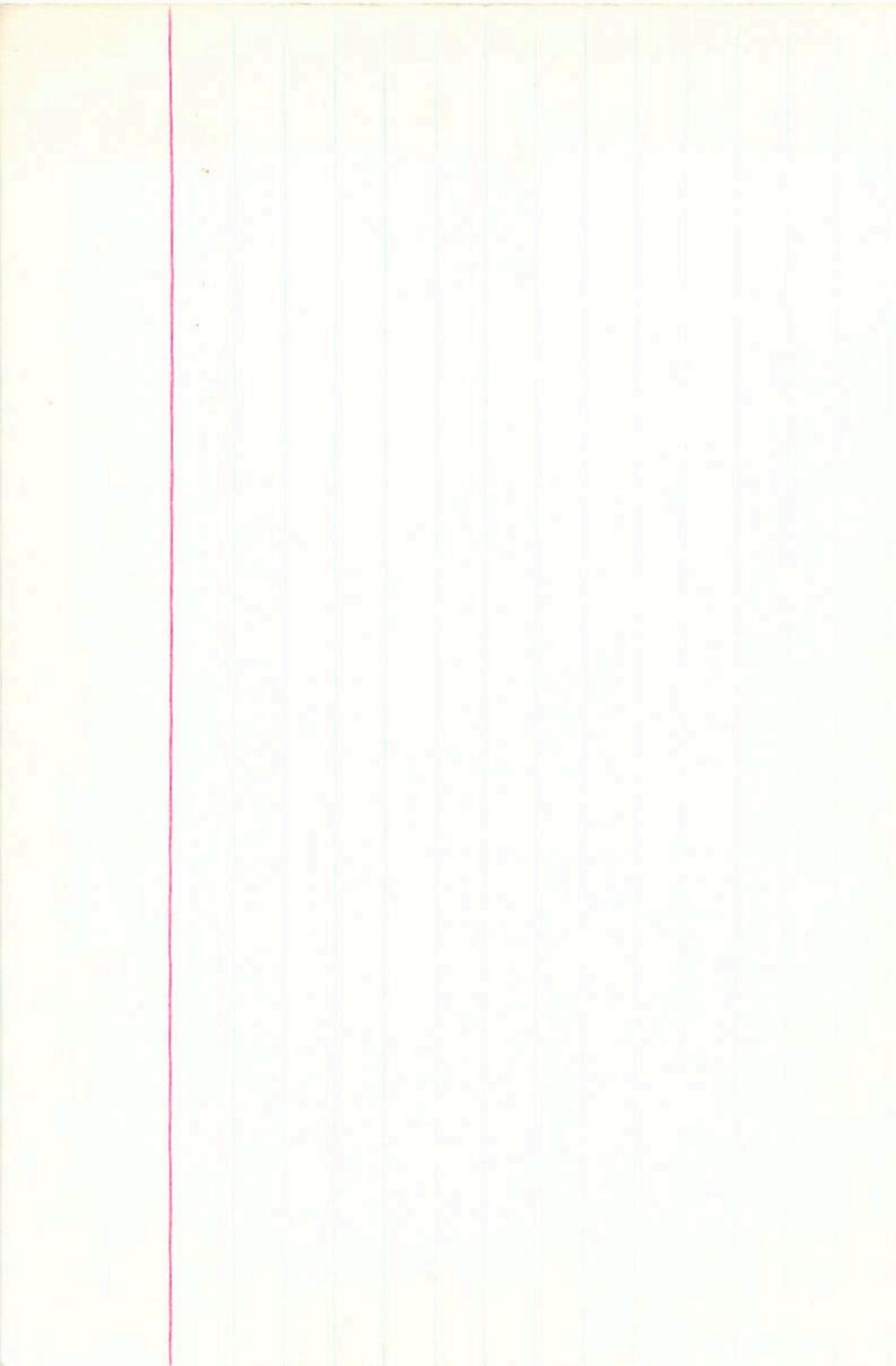
445.06

5.82 + 0.54 + 0.64 C

6.2 78.0

5.44 + 0.325 (2)

40011 + 026



475 447

-9 22

2267

6 16.5

~~9 22~~

9121

+2.14

4353

5 26 + 1.24 + 1.32 C

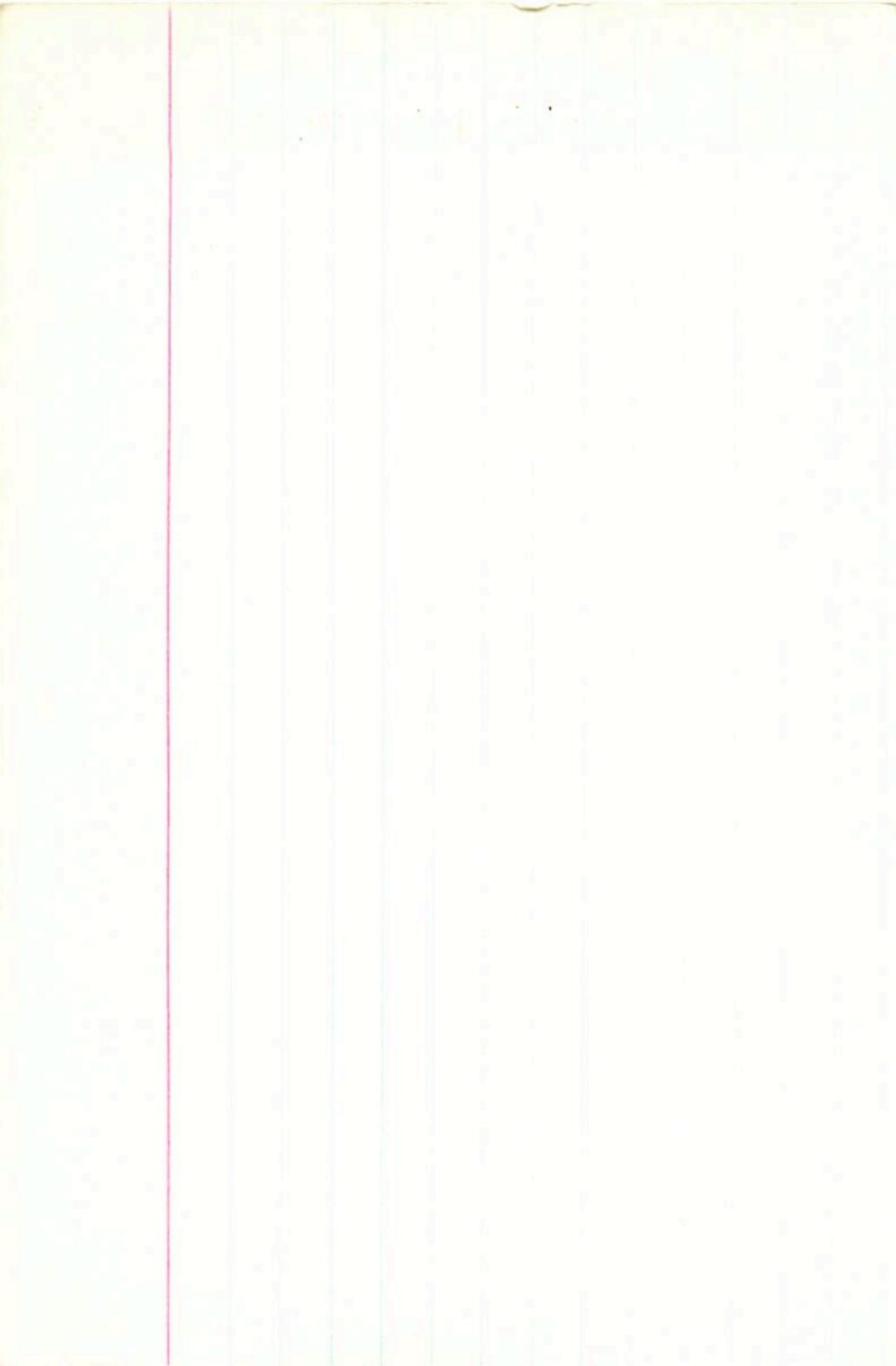
~~0003 0004~~

62743

498 + 10.44 (2)

564 7550

-0005 -0324



421 418
04

2268
49021

6 16.5 - 15 00 9 m / 751.0
GC ± 2.5

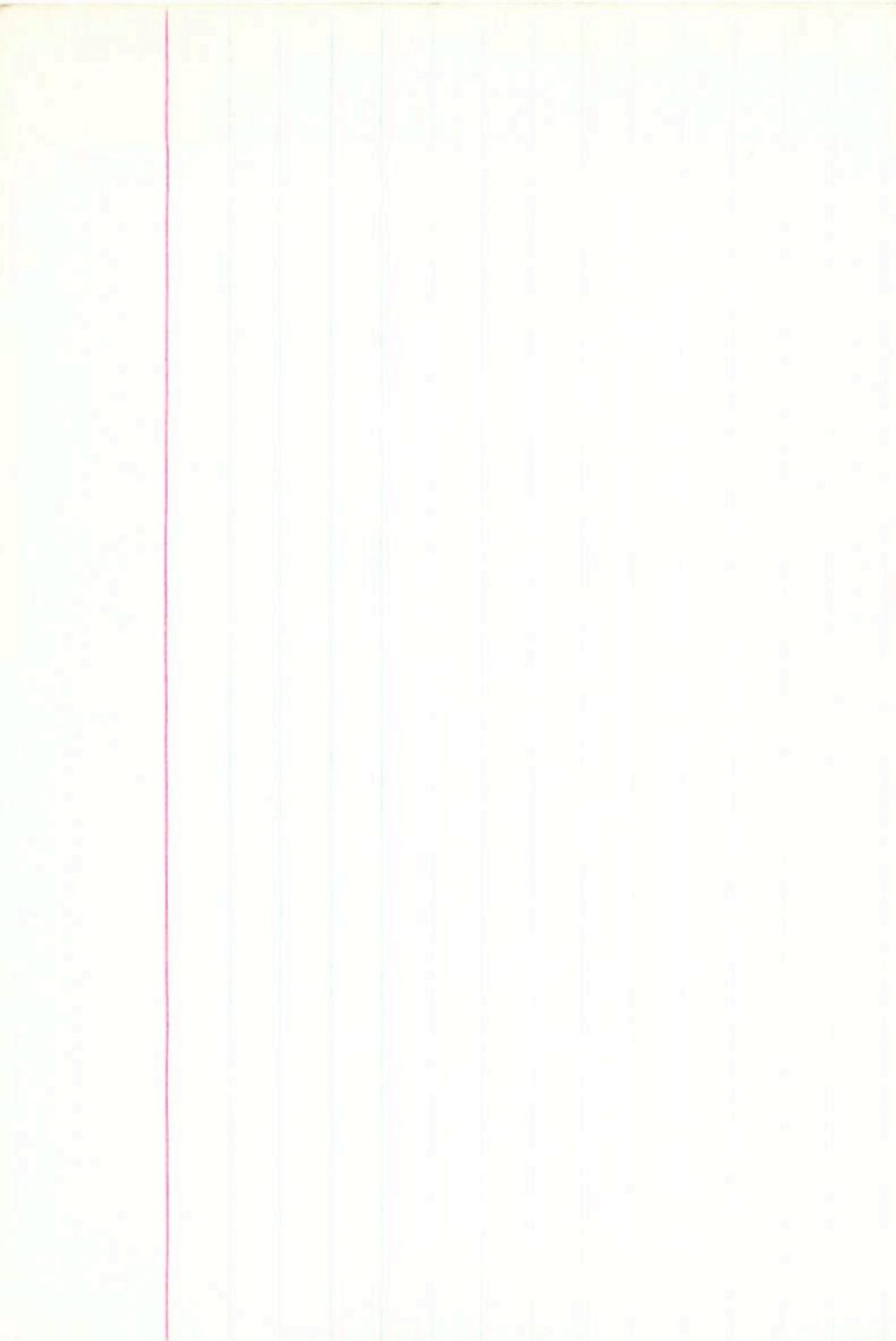
6.65 + 16.6 + 1.96 (3)

-0079 + 0135

5.04 + 0.855 (2) 102/65

4.58 + 0.832

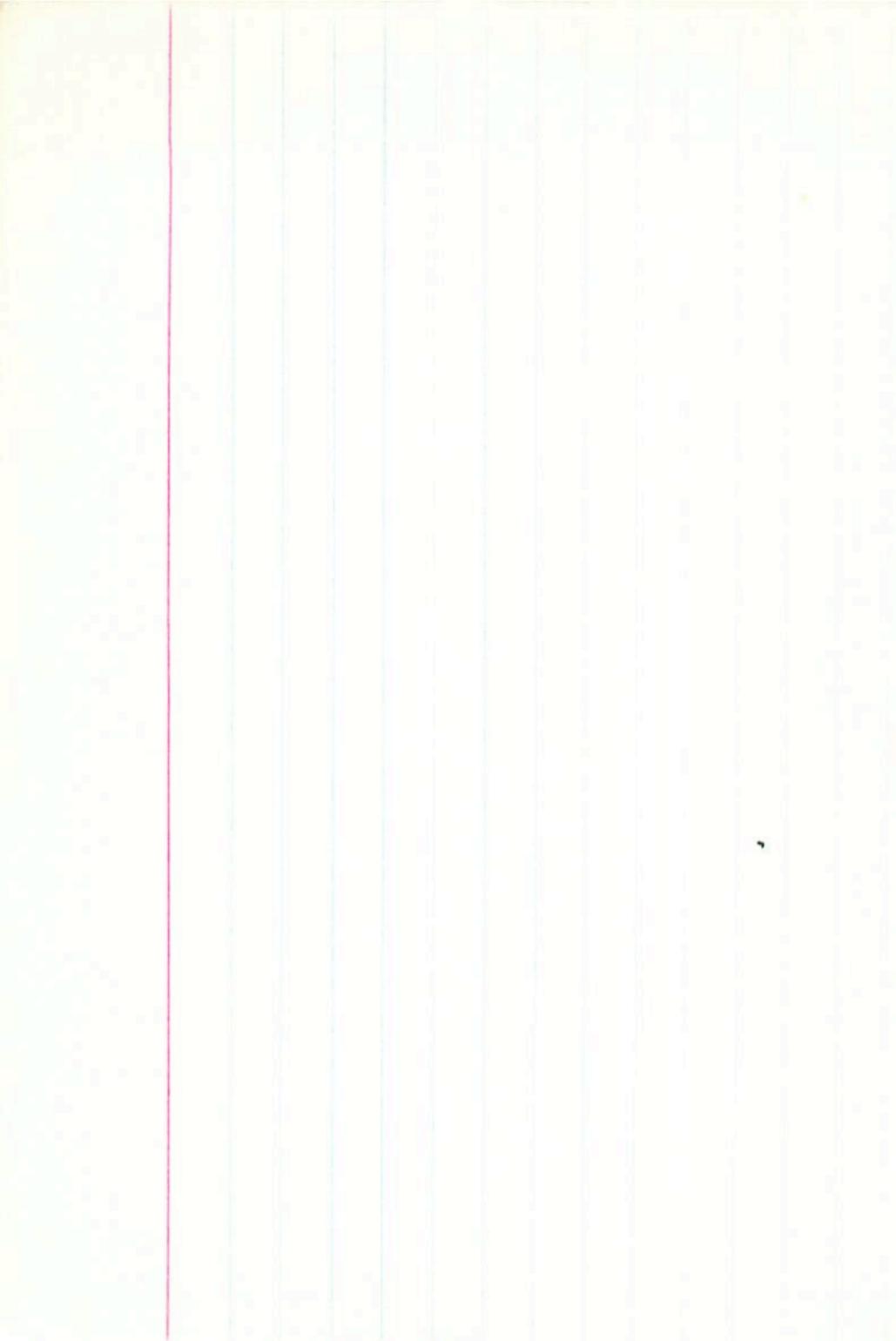
5.01 + 0.844



2277
44234

6 18.5 717 48 869 10.48

AL



5 days

2293

4 22.5

+58

26

124 III

-2.87

4728

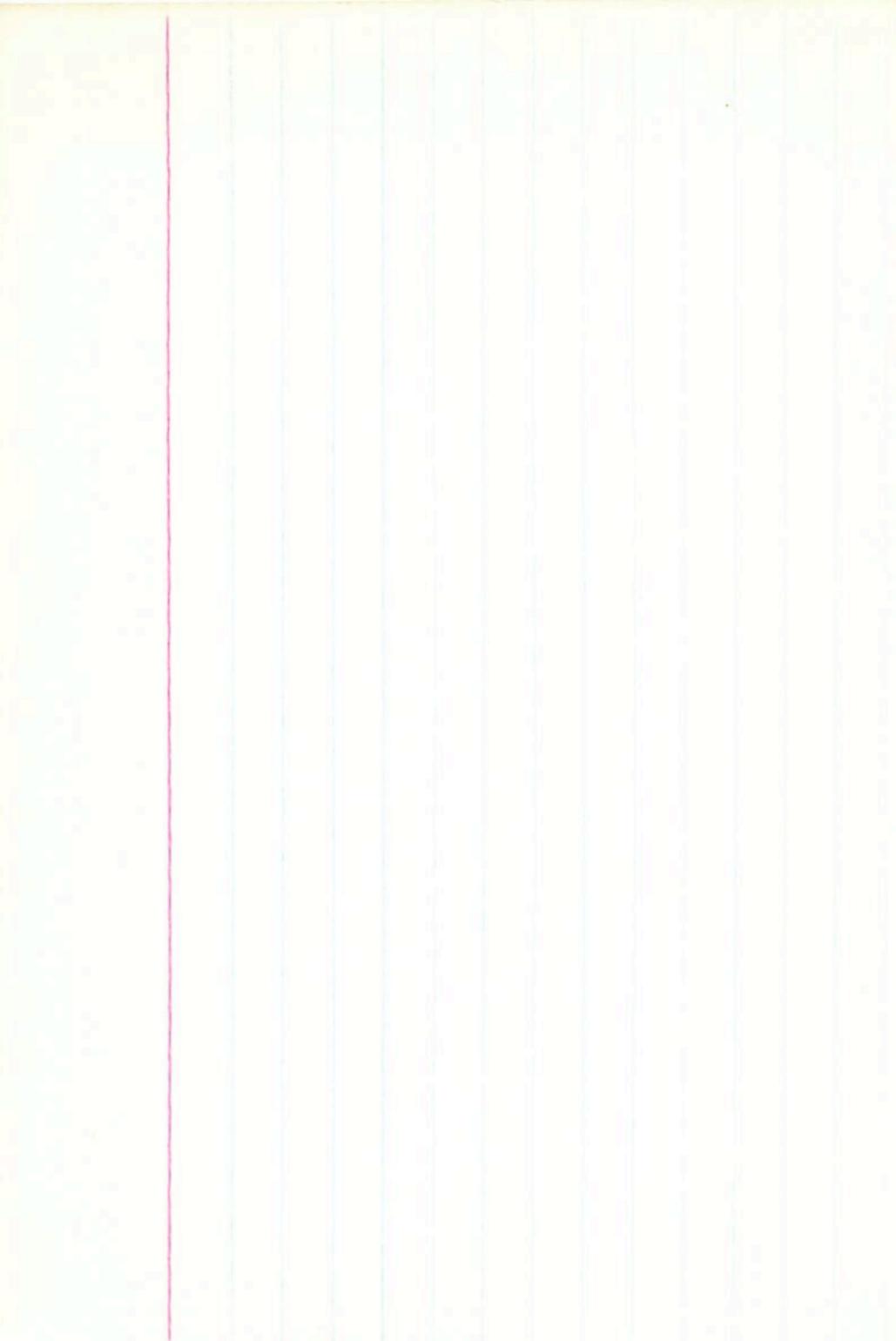
5:21 +1.54 +1.98

(4)

544 72.0

-0005 -0049

441 +0.625 2A



2301

L

21.2

-9

50

RS

→

48116

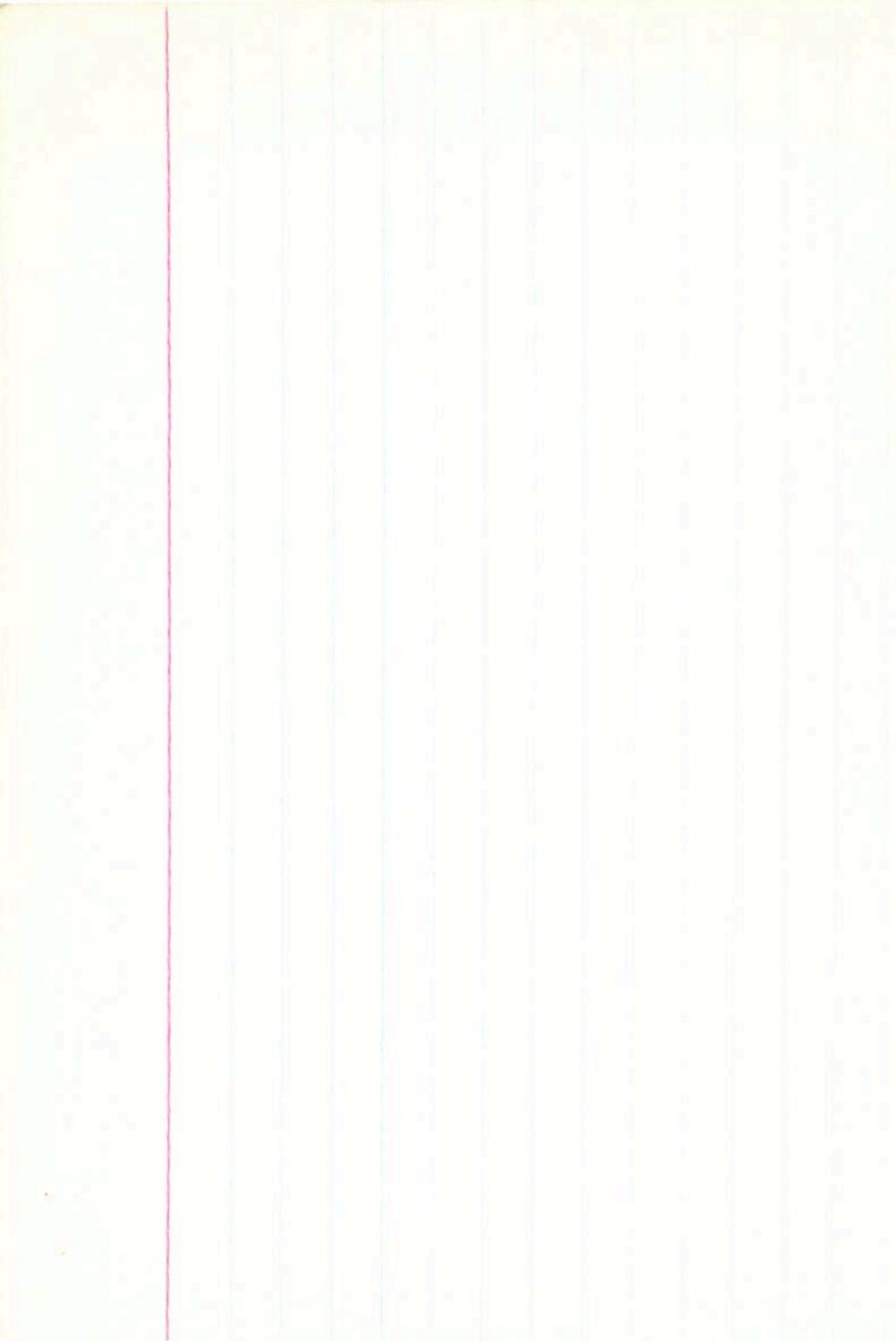
6.18 + 1.54 + 2.03

L

AC

4.90 + 8.865

(4)



2302

L 238

H/L 06 G4 11 +73E

44867

GC 58.0

6.34 +1.06 +0.84 (1)

+0023 -0565

5.90 +0.40 (2)

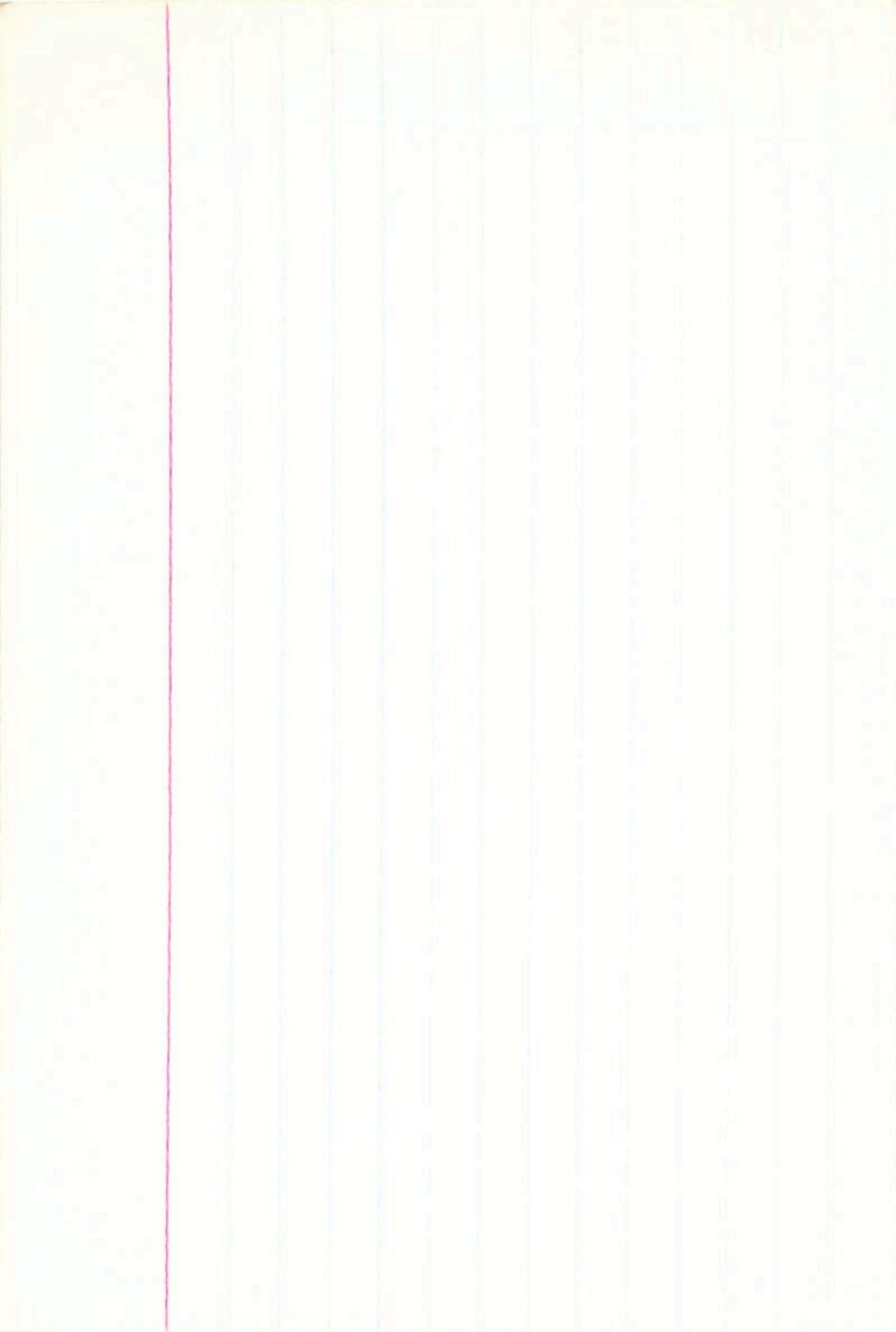
2213 6 21.5 15 22 122 -

4494

6.24 H.53 (2.53) S Gc

6.23 H.56 H.745 (1)

542 H.575 (2)



2305

4 218

-11 30

18 III

-26.16

44951

5.21 + 124 = ¹²⁷ C

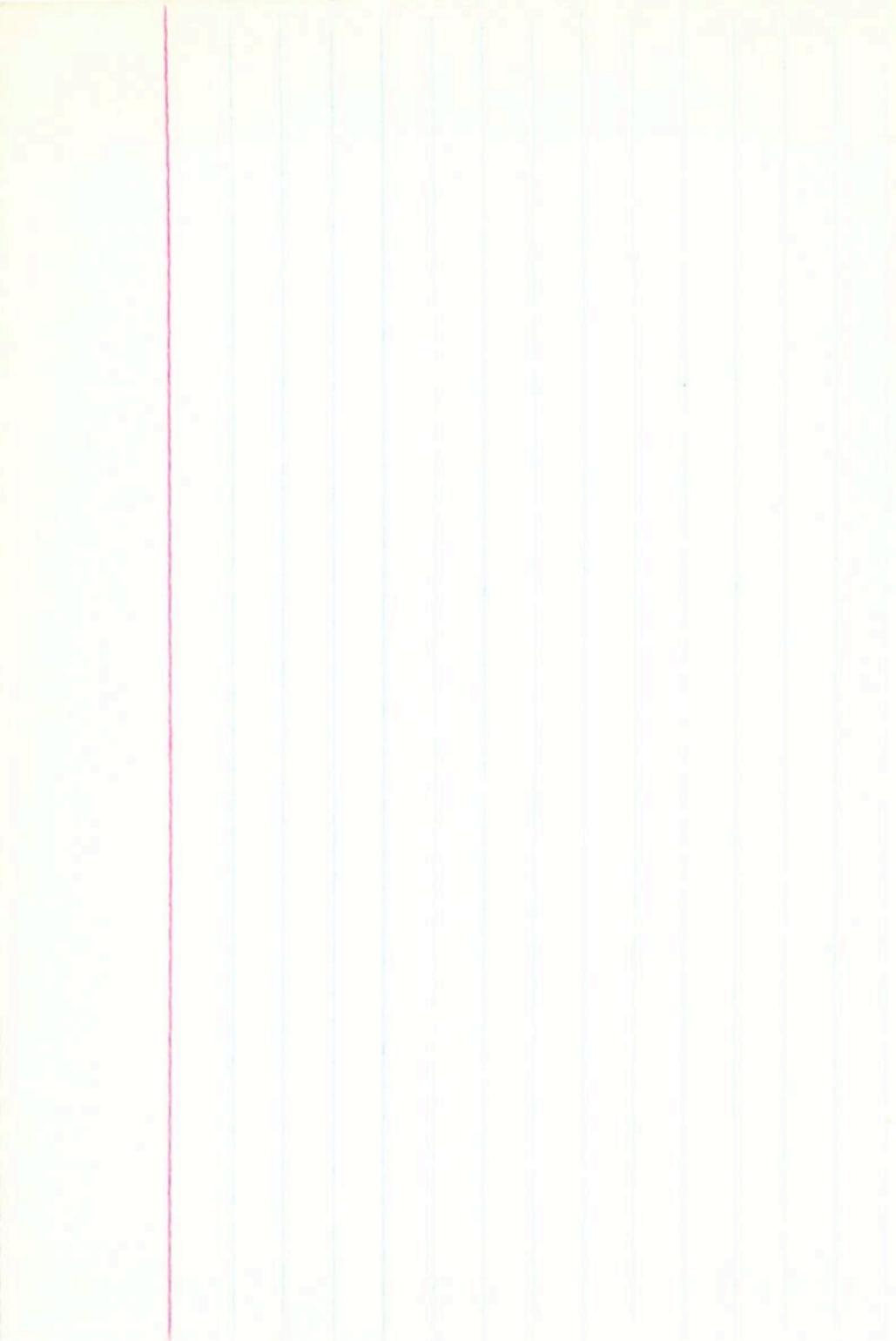
5.23 + 122 = 11.20 (3)

5.22 + 1.23 + 1.21 (1)

5.22 + 1.23 + 1.21 (4)

4.60 + 0.40 (3)

-80415 - 0402 F114



4200 4104

2811

6 21.9 - 25 32 8105

+33.54

450A

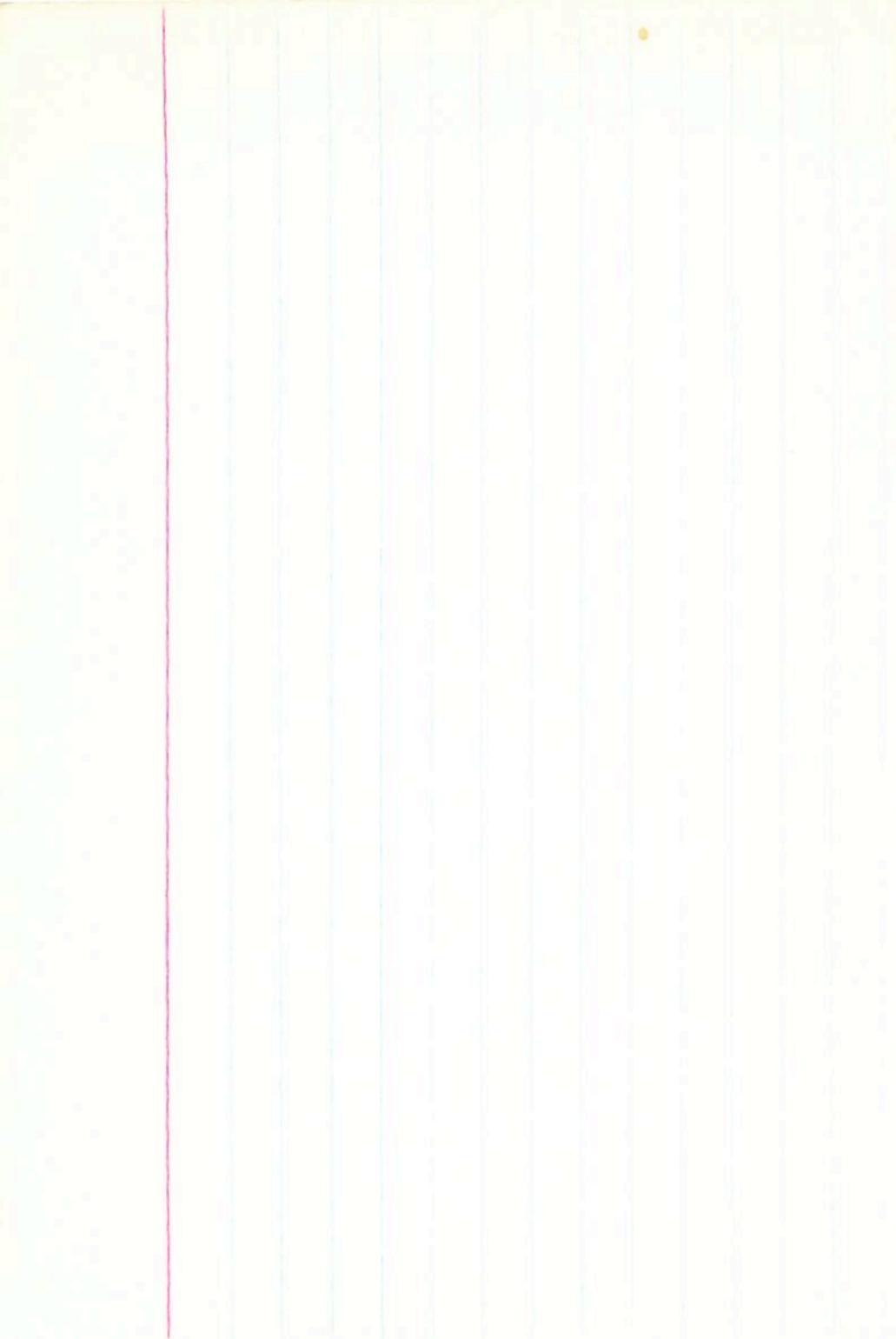
5.62 +1.56 +1.88 (1)

6.2 ± 5.0

5.62 +1.56 (2.57) C

-0005 -0328

475 +0.71 (2)



2316

6

223

-36

40

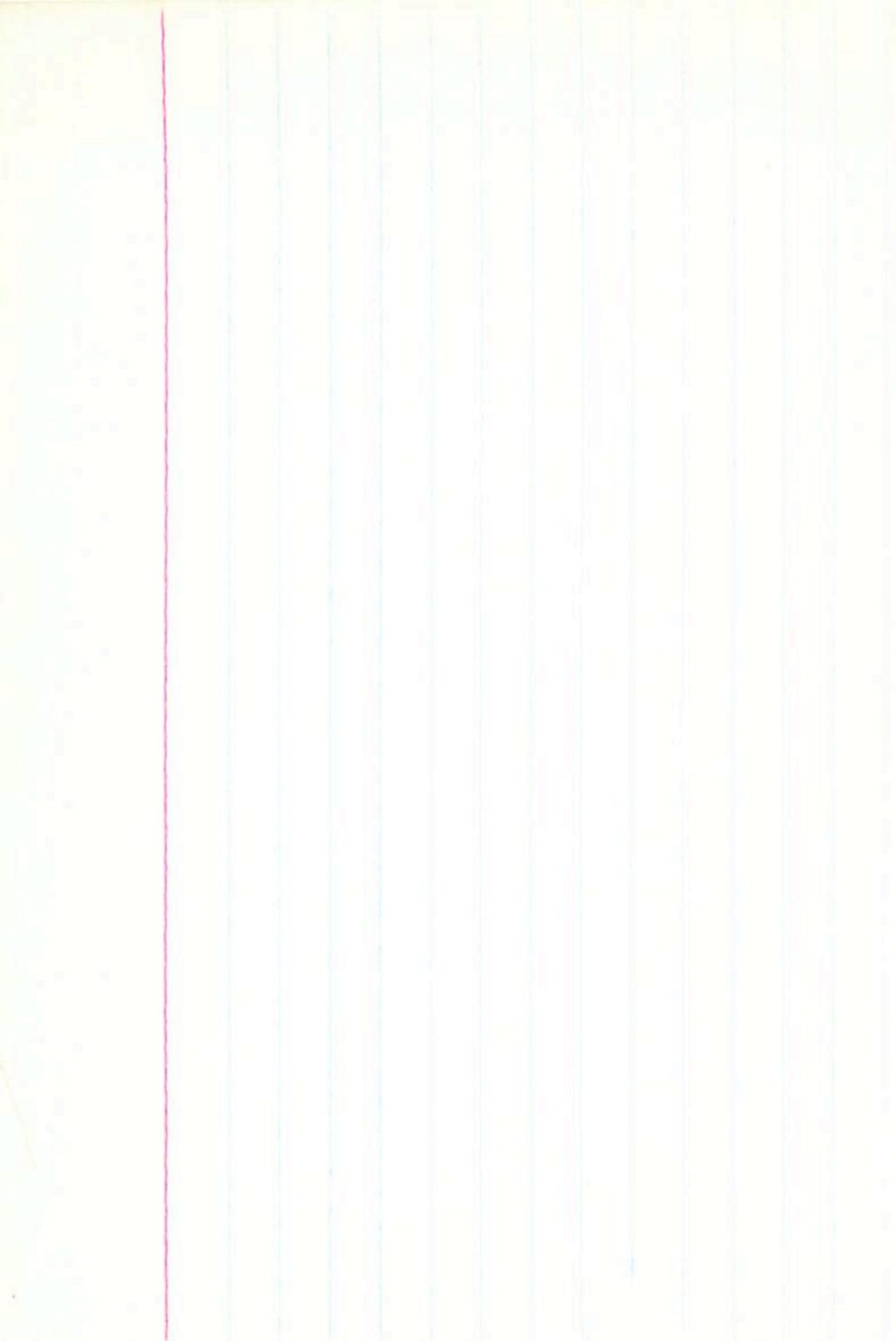
85

-

YS145

554 4104 + 0.87 C

OC



2322

L

225

-52

10

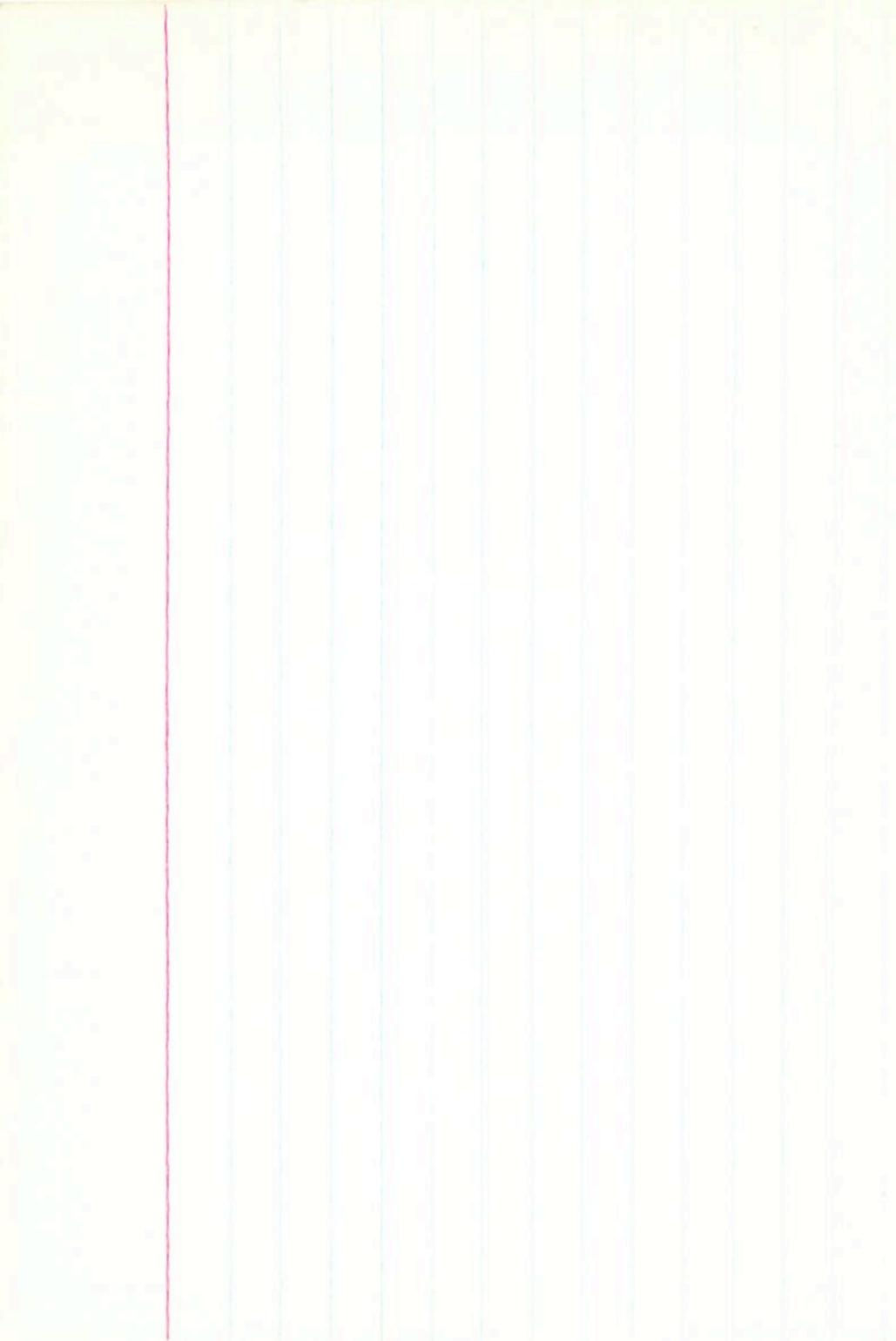
RT

~

45241

5.97-103 -C

BC



5.45 517

0329

6

03.7

-25

~~02~~

120

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45343

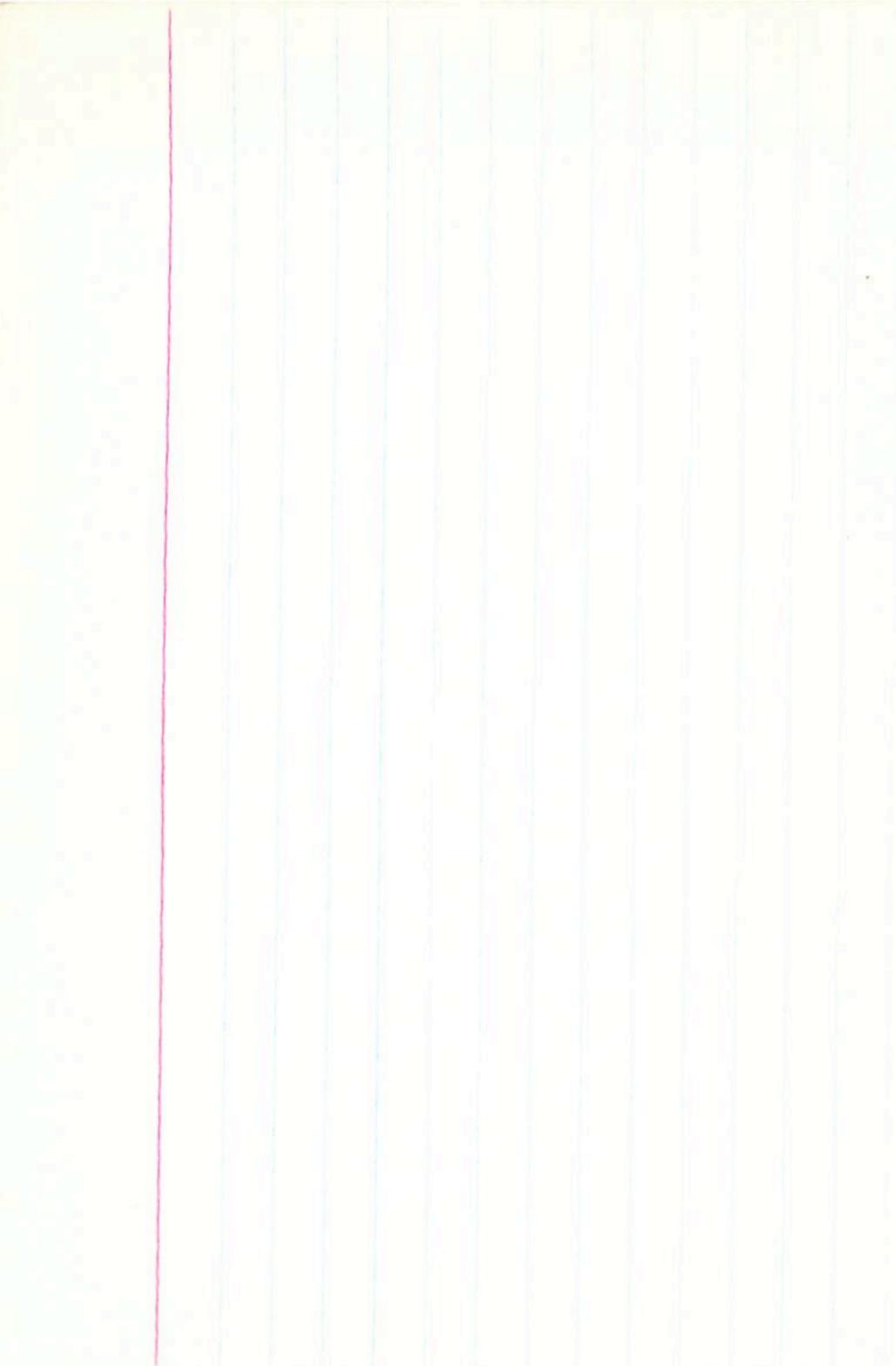
6.22 +1.32 +1.59

(2)

6.24 +1.86 12.45 } C

~~02~~ C

5.14 +0.51 (3)



Wdym

2331

L 26.9 + 58 12 120 $\overline{15}$ + 36L

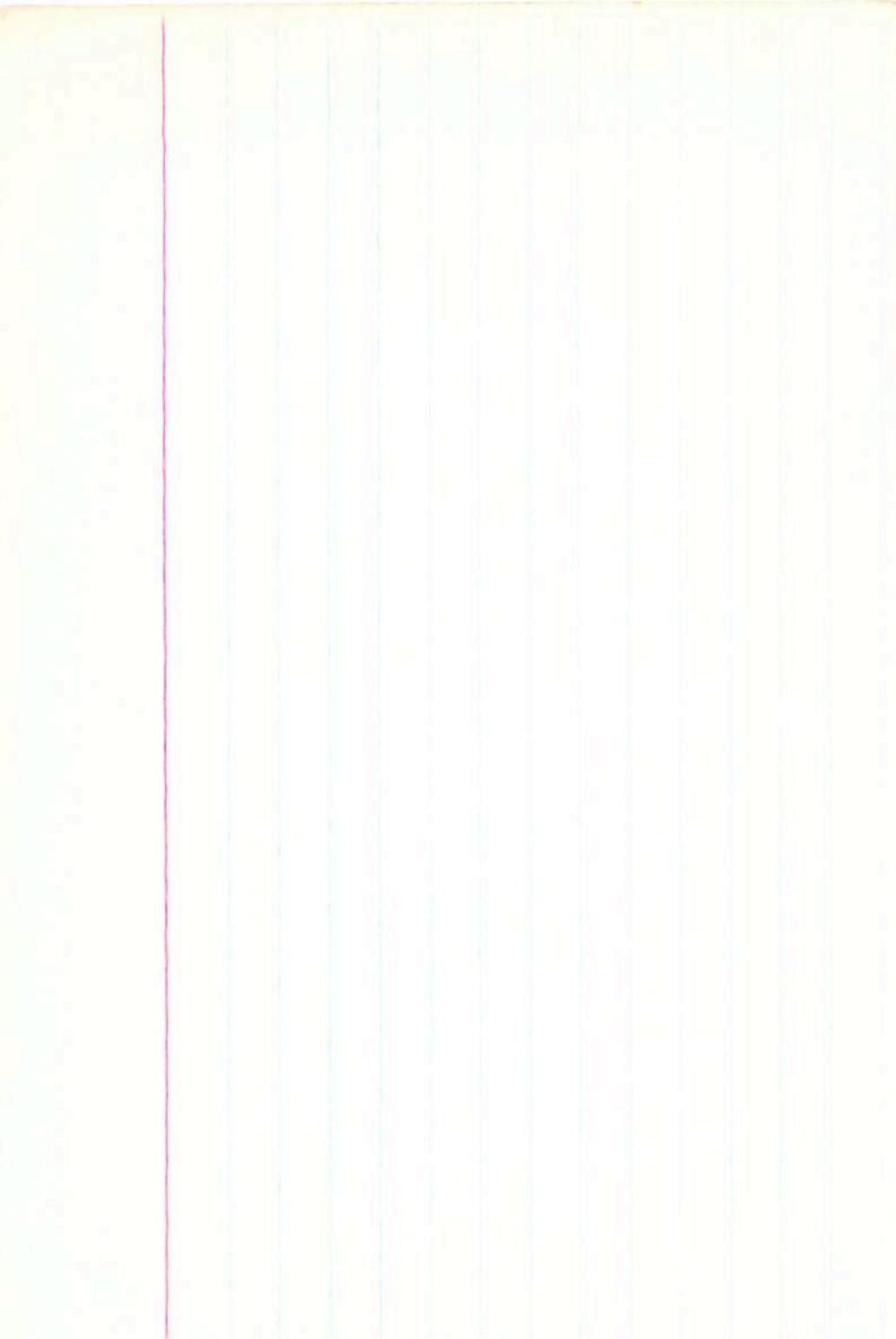
45410

5.85 + 0.92 + 0.65 2A

5 hp 4.15

5.46 + 0.33 3A

10029-3371



2333

45415

6 247

+2

SL

g 6g

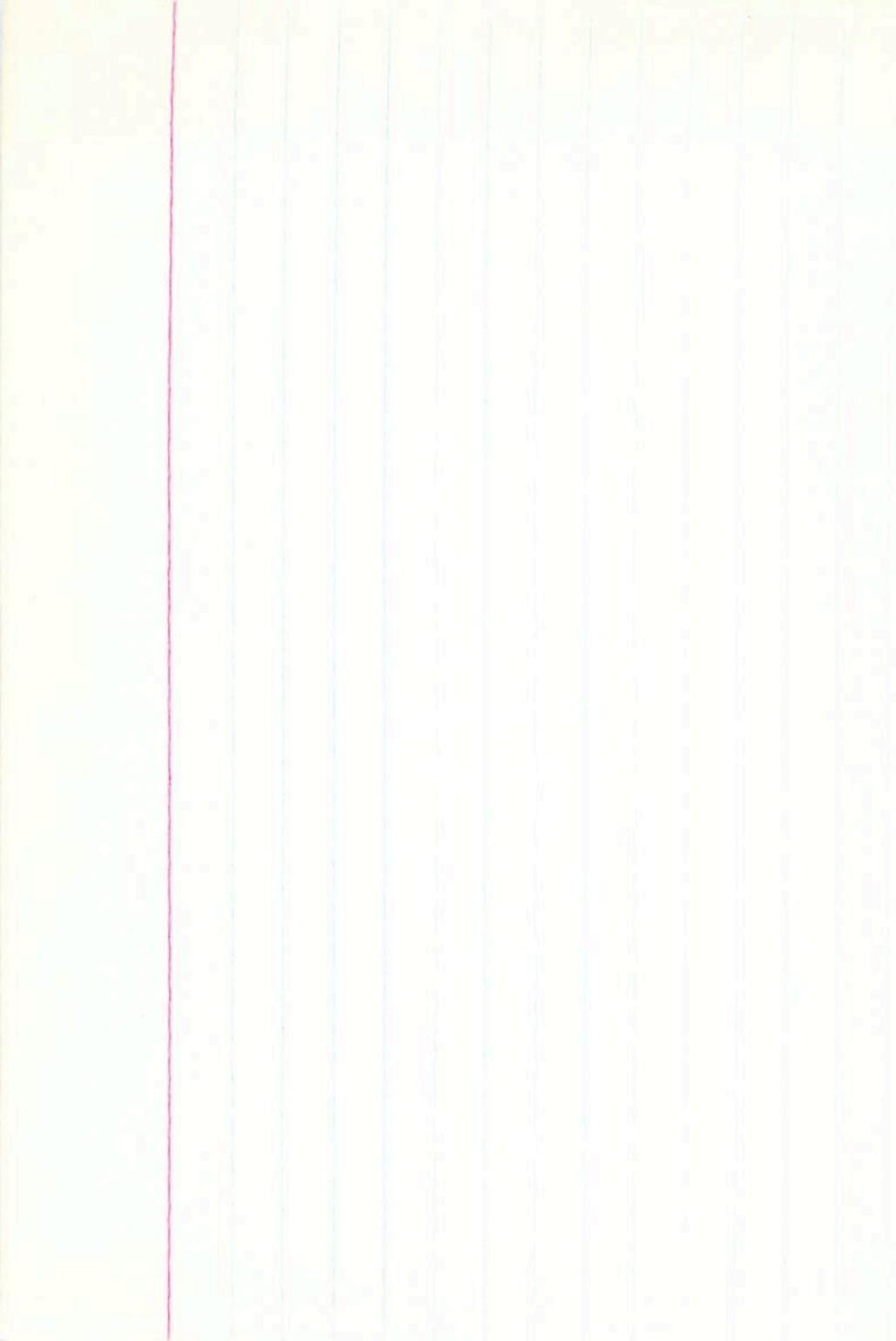
+53.05

5.54 +1.09 +0.88 C

GC ± 4.0

5.07 +0.365 (2)

-0030 +0085



2334

6 247

48

20

121

$\frac{11}{14}$

432.8c

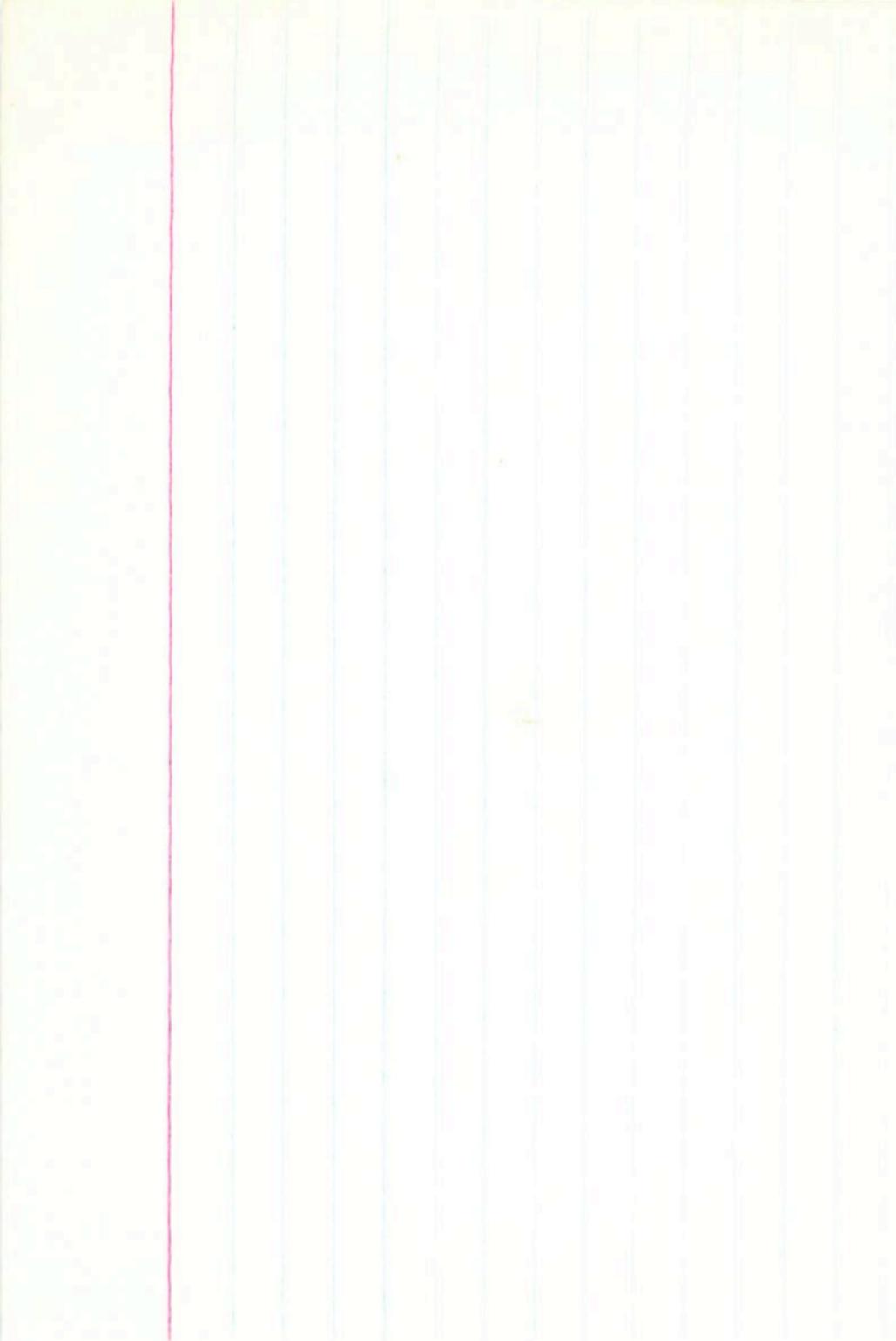
45416

S. 20 +1.18 +1.13 c

964 42.5

4.66 +0.395 (3)

45502-0093



466 439

2335

45433

6 247

-00 15 g125

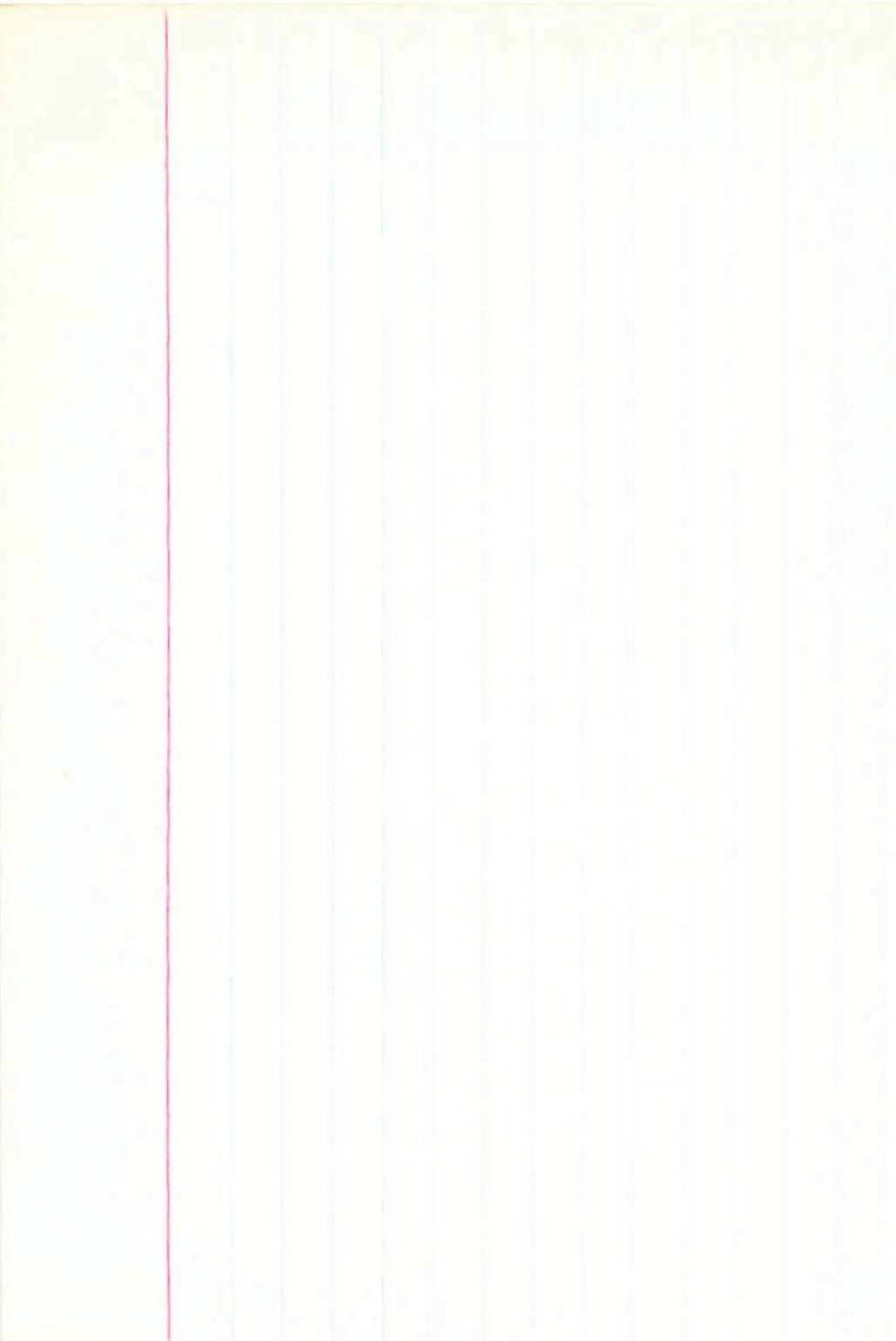
+3888

5.54 41.38 41.600

GL 42.5

4.92 40.53 (2)

-00005 -0115



44.0
80 gms

14 45.1 439 81

PPB00

F

-014 -001 MC

92

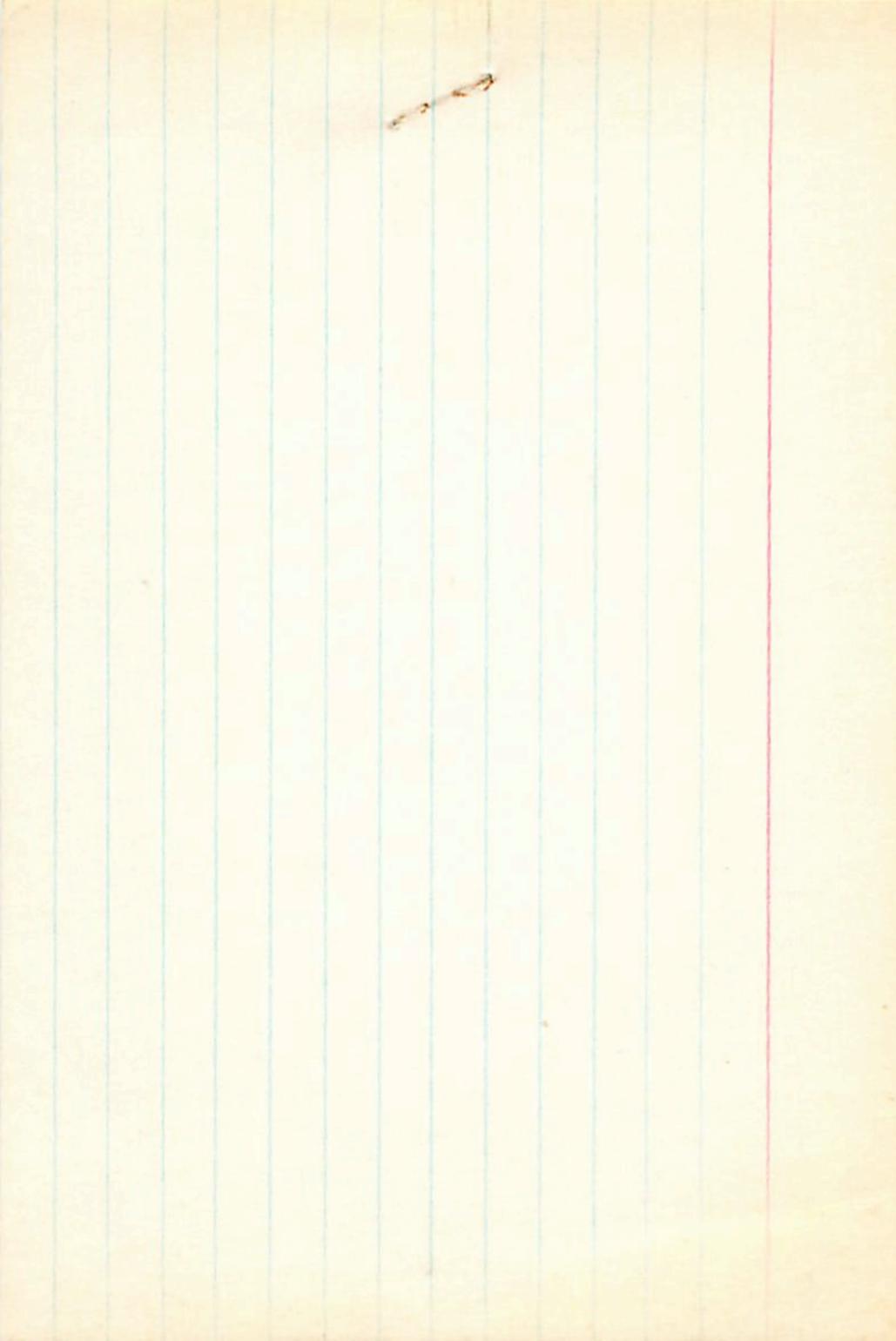
74

452

7.56
7.9

6.6
10.14

0 0



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2021
2022

3784.000*

9.000*

28.400*

-51.000*

-18.000*

-0.008*

0.018*

5.950*

154.882

10.000

0.086

-0.075

12.513

-0.007

-0.997

-10.992

0.037

-0.003

5.6

3787 9 29.3 -10 58 A3 III

82446

13183 +5.6w

4.56 +10 +08 C

Bud 51 (3)

072 144

1.186

2808 (6) @ 502

042 153 1180

157

166

1172

$\frac{332}{1504}$

-0.8

1008-010

1000-011

10150 +5.6

-013-008

166

237

1172

504

128

49

9





3787.000*

9.000*

29.300*

0.000*

-59.000*

-0.013*

-0.008*

4.900*

95.499

5.600

0.026

0.472

5.169

-0.031

-0.678

-6.776

-0.060

0.564

-2.544

b

Step 6 and

3724 steps - 9 20.4 - 9 87

81009

6.52 + 22 + 116

$\Delta m = 0$ orbit

$p = 58.93$

$a = 0.150$

092 280

092 262

092 256

276

445 284

664

808

808

802

784

568

352

14 420.7

5 warm

285 2

916

2960

99

$a = 116$

$A = 0.026$

225
57

6724 - 0234

133

23

1230

1230 - 0230

6.6

My Star

1

7

1880
1881
1882
1883
1884
1885
1886
1887
1888
1889
1890

3724.000*

9.000*

20.400*

-9.000*

-37.000*

-0.031*

-0.020*

6.600*

208.930

20.700

0.051

0.421

19.454

5.7
138.8

16