

4188

① 41.9 -10 53

10011

4138

475 +1.04 +0.85 ②

184(7)

4.37 +0.365 J

4.01
452
2.51

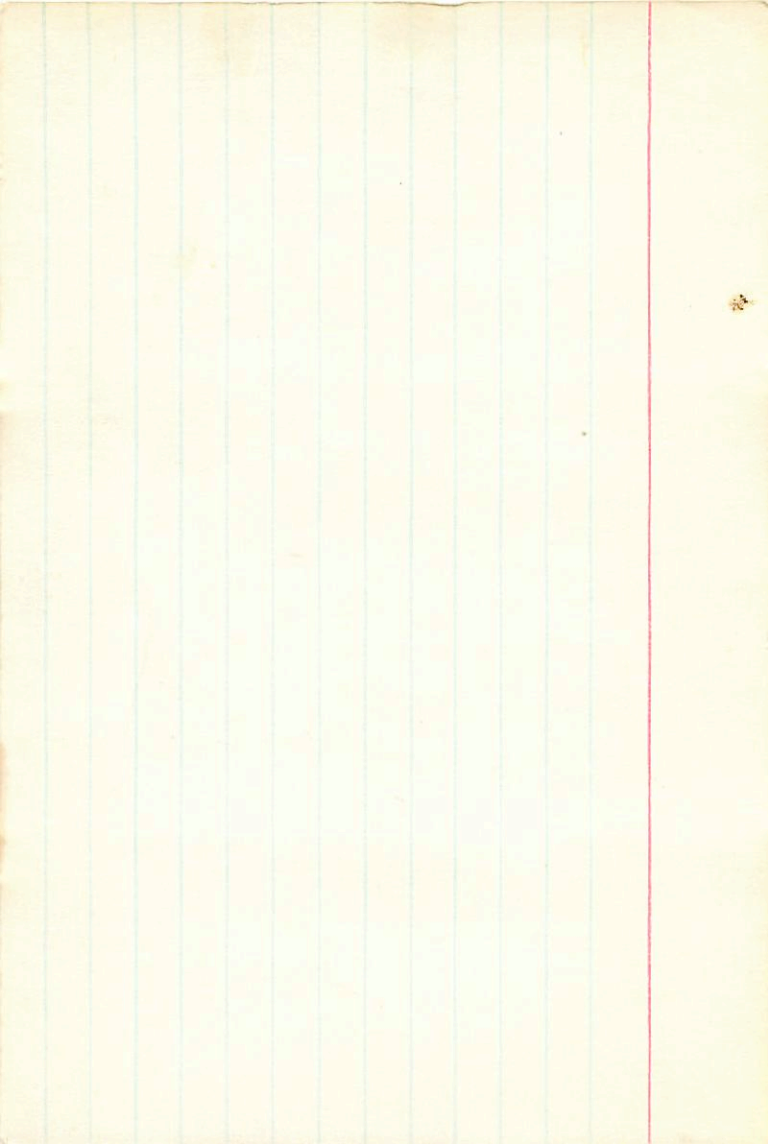
^{+0.1}
D(B-v) +0.04

~~D(N-B)~~ 0.0

$\pi \rightarrow 0.0125$

23.7 -33.0 -12.3
-3 -4 -1

I



↔

5395

4184

71A(10)

-2m(8)

40

John
422
+035

00 53.7 + 58 55

G8 III -12

4.64 +0.96 + 70 I } 464 + 0.965 + 0.67

4.63 +0.97 +0.64 ③

↓

4.22 +0.36 = 2.096 + 5

A(B-V) + 0.15

3.86
+0.35
+0.355

b(10-3) + 12

→ -35.6 - 33.0 - 2.8

π 040 - 4 + 2 - 2



GA

15656

Next year

x

2 29.0 +35 56 .1P5 III

$$5.15 + 1.47 + 1.78 A \textcircled{2}$$

$$4.30 + 0.595 A \textcircled{2}$$

$$3.70$$

$$5.2$$

$$\frac{1}{-15}$$

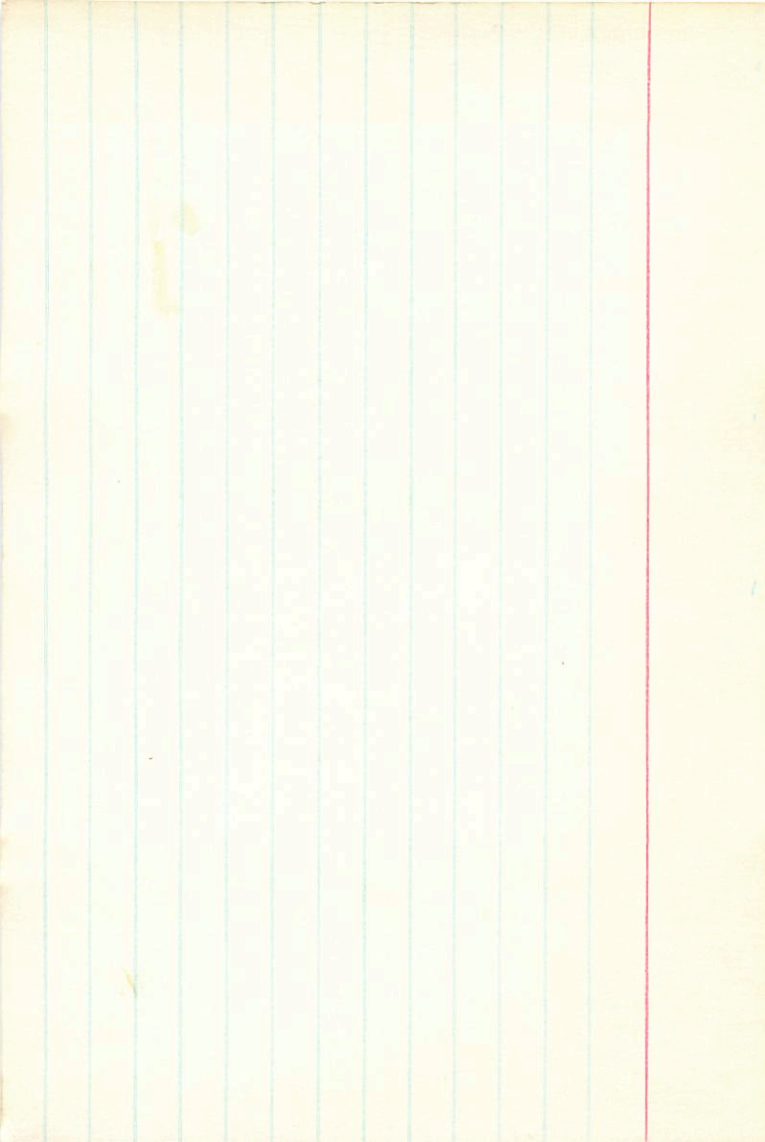
$$\Delta(B-V) - 10$$

$$\Delta(M-B) - 49$$

$$-9.6 \quad -33.0 + 29.1$$

$$\pi = 009$$

$$+2 \quad -1 \quad +1$$



+20° 3009/10

14 90.3

419.43

dmo

Y1332W

AG

9.12 +129

+1.27

dmo

(3)

15m=0.25
D05 935W

8.35 +0.57

(2)

D(B-V) +0.65
D(V-R) +0.15

M(I)

6.88
5.11

1.53
7 (M)

C

10.05 +134

+1.28

(2)

D(B-V) +0.25
D(V-R) +0.1

6.94
5.68

1.79
1.79

25m(L)
M05(L)
W

9.26 +0.595

(2)

V L W

+15.1 -35.4 -15.8

-26.5 -0.55 -0.180

+2 -14 +4

+250 2874

15 05.3 +25 07

all
127 E

Y13419

9.94 +1.36 +1.22 (2)

M(F)

G4A(12)

9.14 +0.645 (6)

π (M)

87M(1)

D(B-u) +02

+7.15 850

9576(16)

D(u-B) +06

1.35

054

22 V W

1482

+100.3 -42.3 -14.2

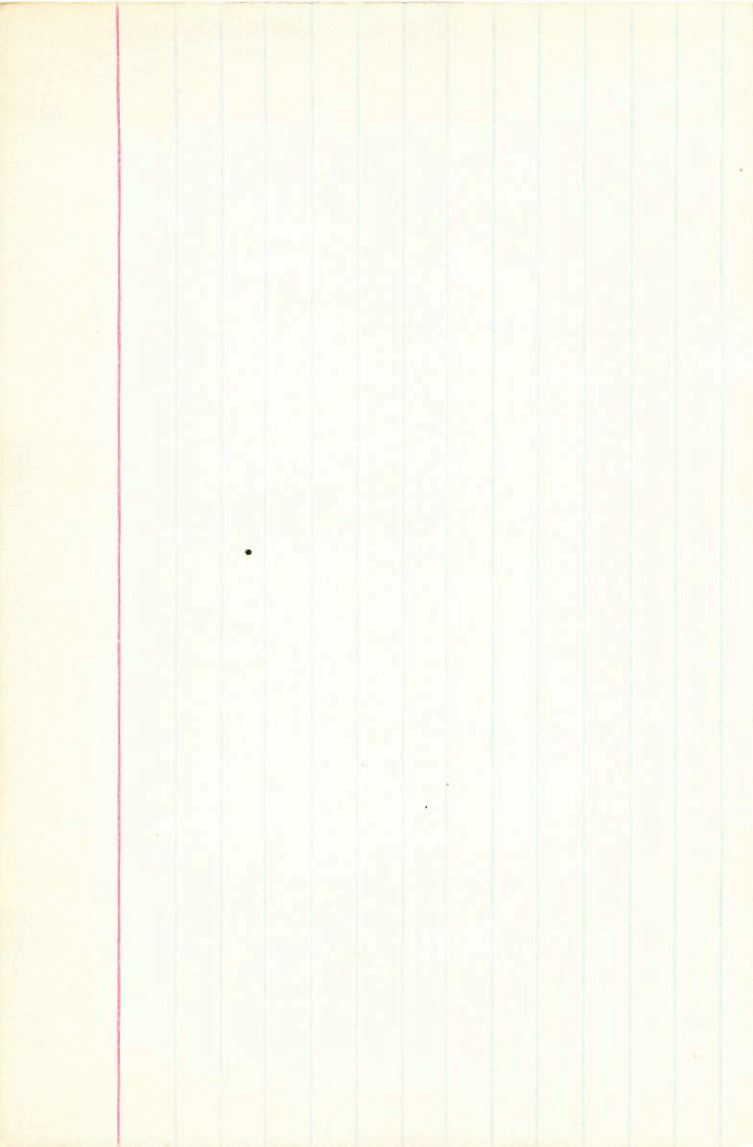
+34 -12 +23

-L.L.O

.872

970 741

1.2 1.2



Year

-403973 15 196 -4 35 M0

Y3471

9.50 + 1.295 + 1.22 (2)

M(F)

π(M)

57M(7)

8.58 + 0.56 (2)

A(13-d) + 05

✓ 6.84
802

058

D(11-03) + 06

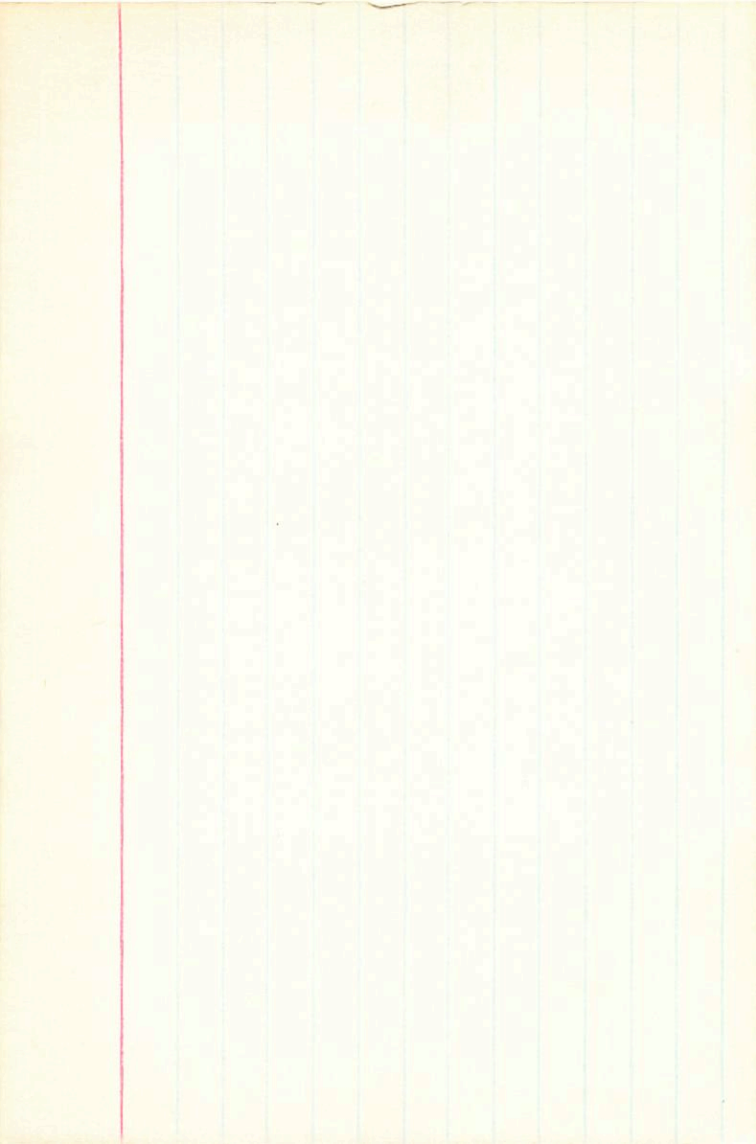
178

U V W

+23.1 -149 +3.2

+7 -9 +8

-146 -D.264 +D.003



41102874 15 498 +11 03 dmo

43591.1

34MK)	9.38 +1.355 +1.27	(2)	01(I)	+11st
53M10)	8.50 +0.45	(2)	✓ +7.15	
			$\frac{785}{70}$	072

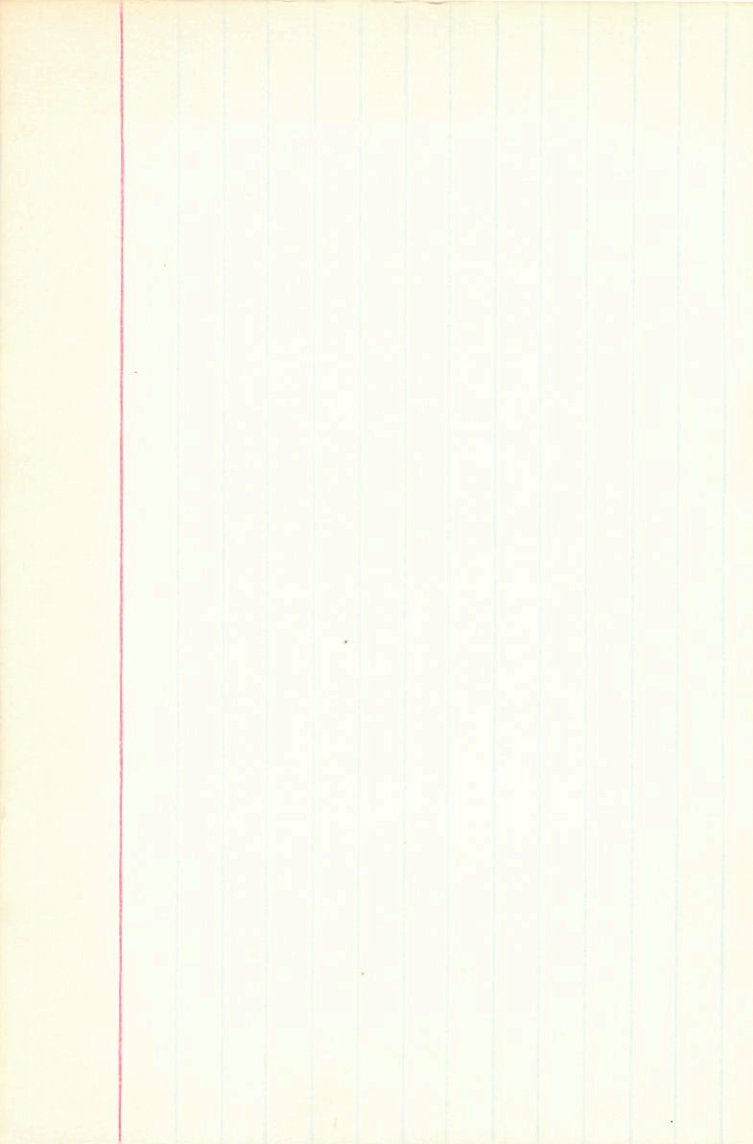
8(13-0) -01
 8(12-0) +01

21 ✓ W

-3.2 -22.4 +5.8
 -2 -14 +4

530
 282
 19502
 2
 2
 8.12
 7.12
 4.50
 53

40.4 -0.240 2.242



201

HL201446 15 59.9 HL1 47 20

next year

9.58 +1.285 +1.23 (2) M(F) 71/24)

9.08 +0.52 (2)

HLPK 1.85 0415

B(18-1) -0005

B(12-13) 000

21 V W

+21.1 -60.1 +2.8

+10 -14 +14

→ +20.6 -59.4 +2.1

HL0 +0.030

-3.72

Group

4702258 16 05.1 47 38 128

Not yet

9.50 + 1.17 + 10.75 (2)

41(F)

9.25 + 10.43 (2)

8(13-1)-06

6.32 7 pt

5(12-8)-045

2.58 8 pt
0315

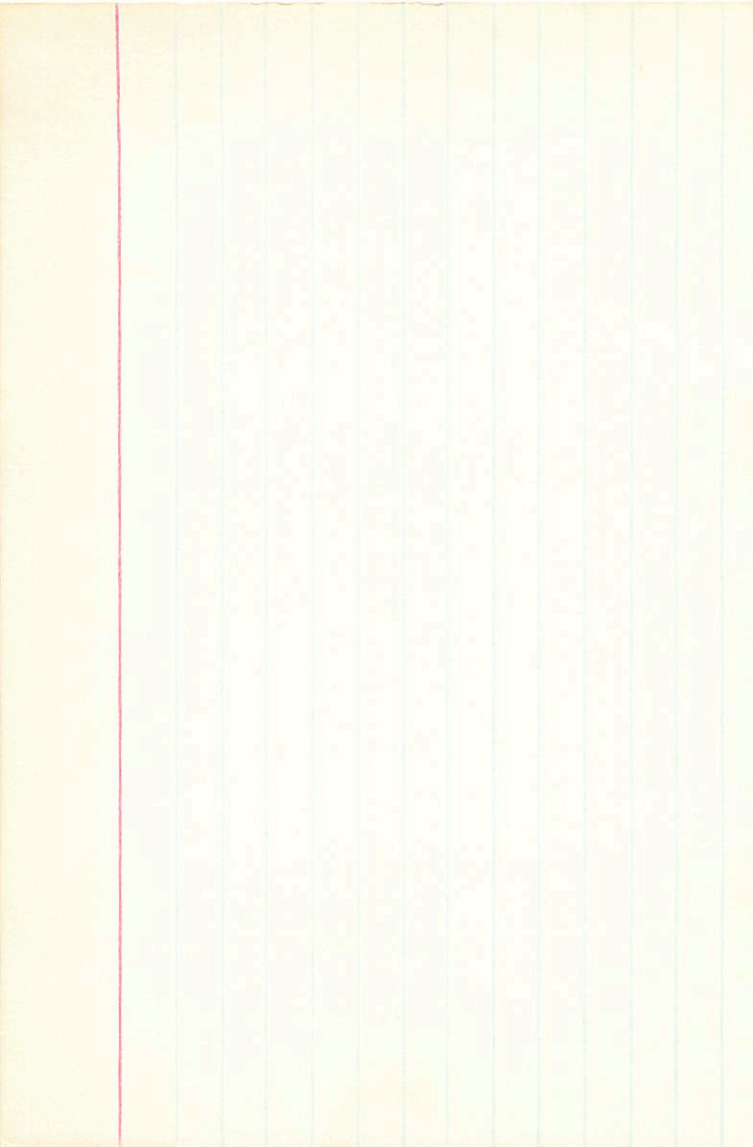
U V W

+20.3 -3.1 -17.2

or +3 +3 -2

+0.055 +0.082

17.3



+110 2655

16 19.3

441 05

M0

not good

8.98 +1.30 +1.12 (2)

M(LF)

8.18 +0.555 (2)

6.50 H(MF)

D(B-V) + 0.45

263
82

D(N-B) + 11

0685

1084

M L W

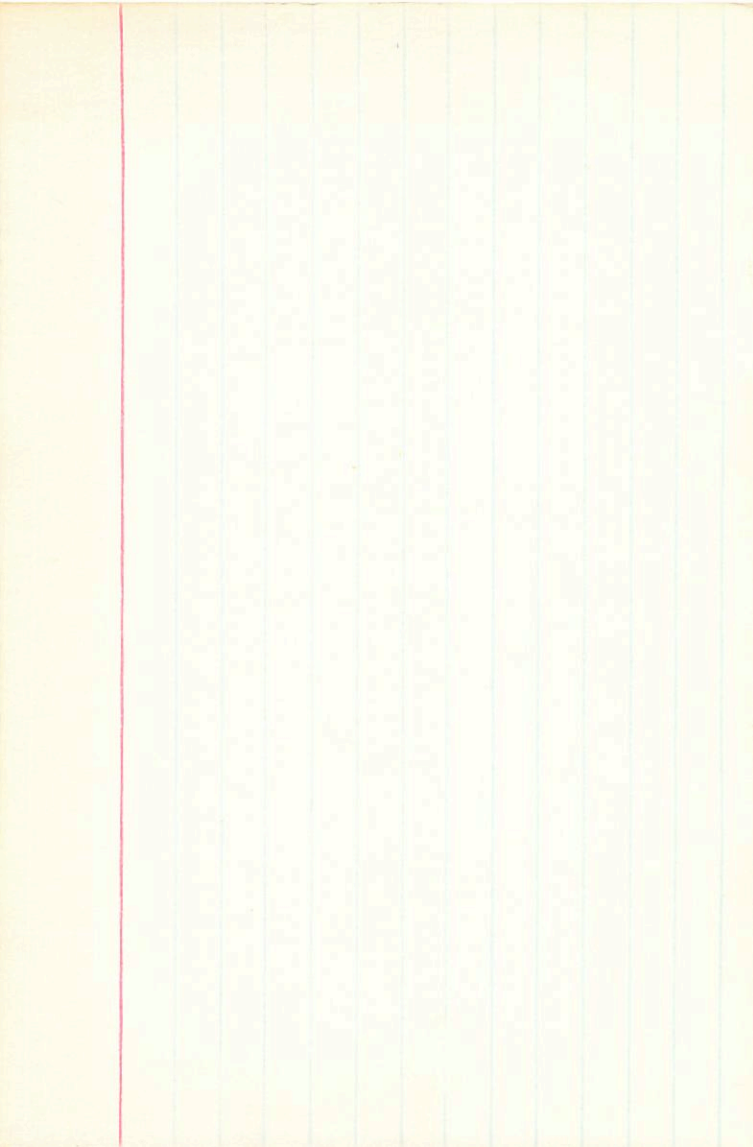
✓ +3.8 +5.5 +3.2

+4 +2

0

147

1001



4004

+7°3180 16 25.6 +7 27

not yet

8.88 +1.22 +1.00 (2)

8.15 +0.505 (2)

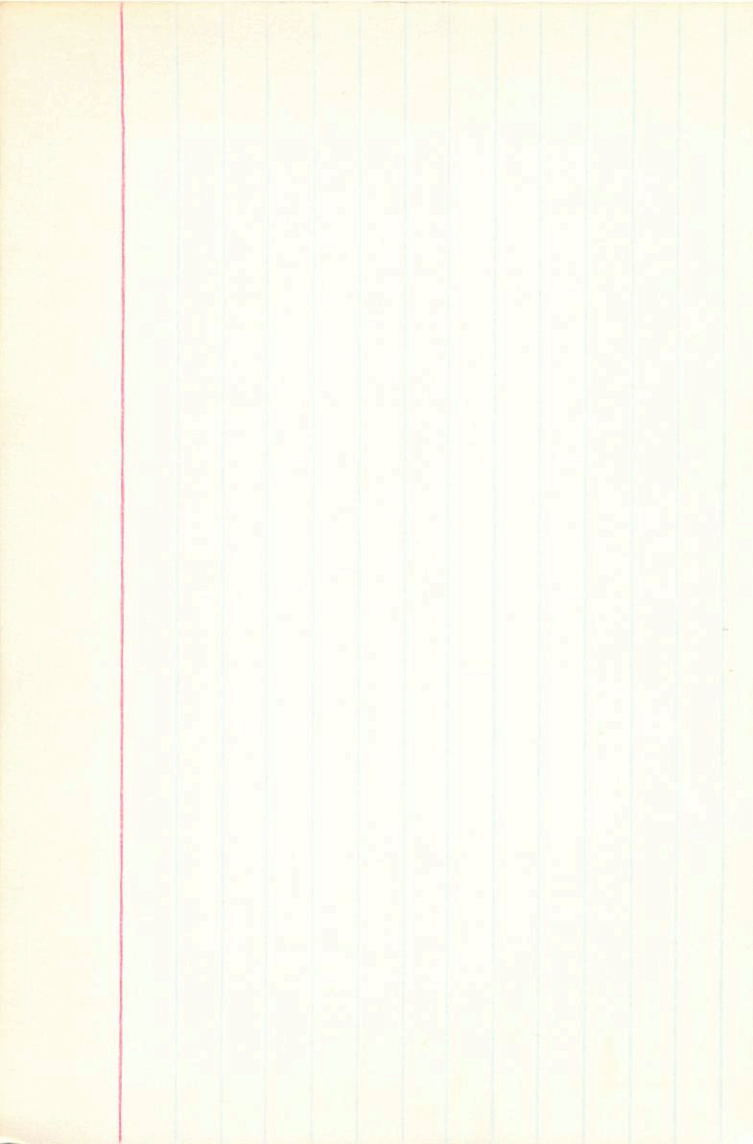
$\Delta(B-D) +03$

$\Delta(W-D) +01$

$\mu(I)$
✓ 667
765
98

$\pi(ut)$
064

$\mu \quad \nu \quad W$
✓ +18.3 -36.6 -12.1
-4 -17 +4



years

149661 16 33.7 -02 13 POE 2

43773

5.76 + 0.82 + 0.50 (2)

$n(17)$

5.42 + 0.265 (slt)

+ 526

7(124)

50m(10)

B(13-v) = 106

$\frac{516}{112}$

095

162V(12)

S(12-u)-14

106

119C(12)



97

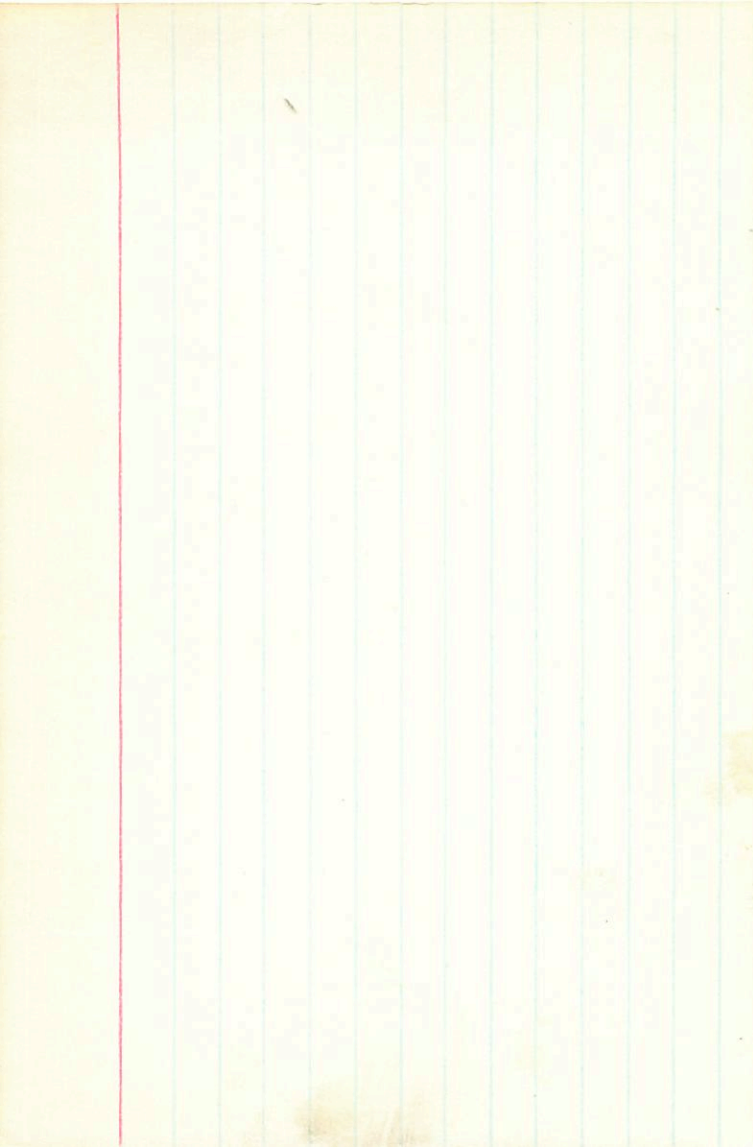
+0.3 +0.9 -314

-12 +2 -23

+0.454 -0.314

→ +1.6 +0.7 -289

-15.4



149957

or

~~13105875~~

16 34.9 + 31 13 dir6

43790

52m17)

9.44 + 1.205 + 1.116 (2)
8.80 + 0.465 (2)

M(I) 1640 + 1m4)

$\Delta(B-V) - 0.35$

$\Delta(U-B) + 0.45$

634
194
828

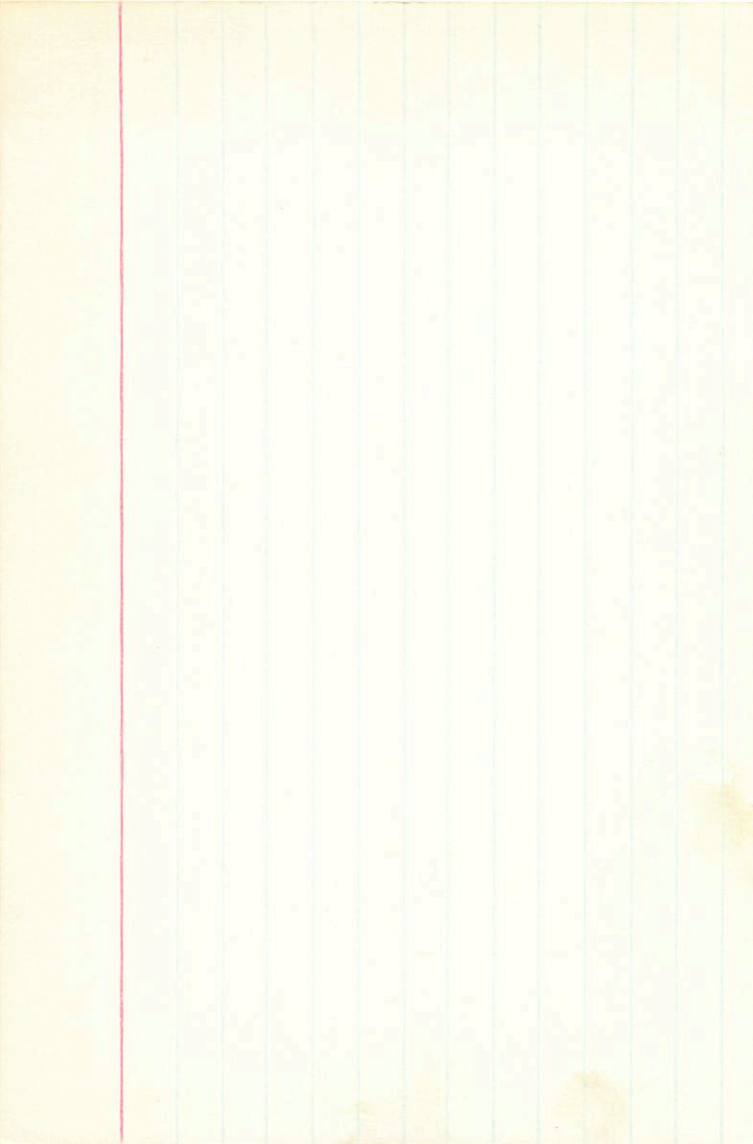
u v w

-54.2 -8.2 -43.8

dir -24 -1 -15

+350 -410

-8.5



power

151998 16 42.4 443 36 8126

H 3810

12517)

8.36 -11.04 +0.52 (2)

m(I)

+L.68

π (int)

1+0510198

0.014
0.000

790 +038 (2)

7^{42}
 7^5
517

818 -015

812 -01

817
2.07

0375
0385

n v w

-3.3 -12.4 +1.8

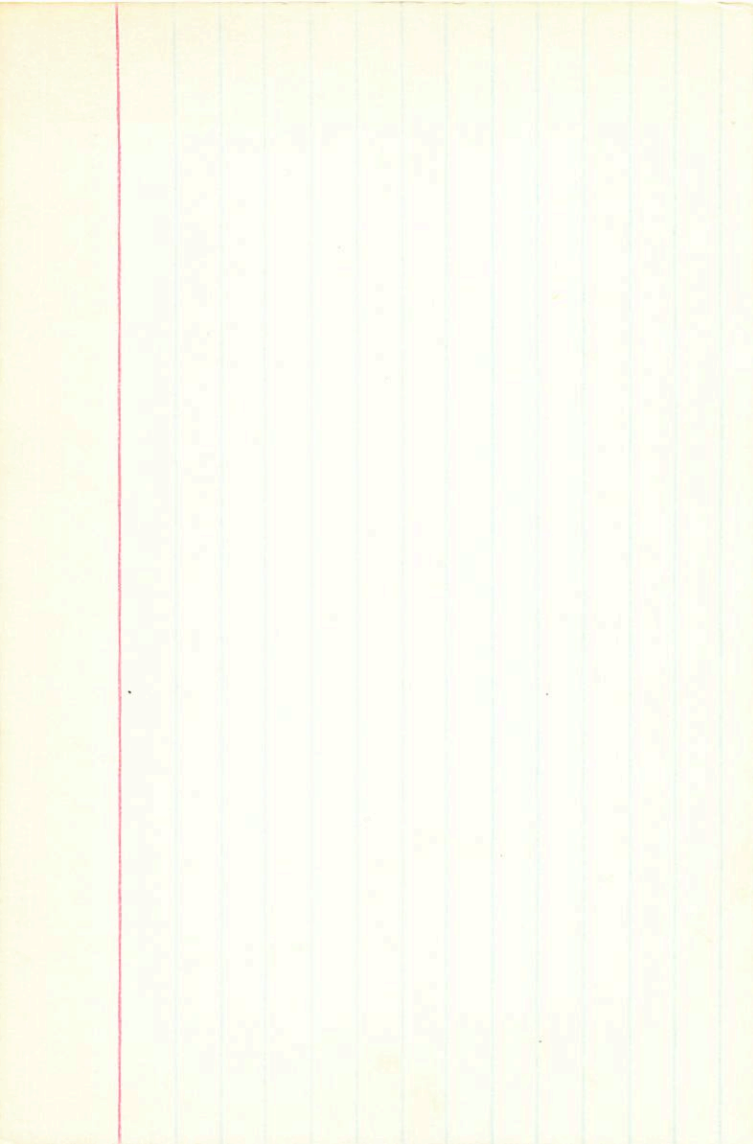
-2 -3 +2

-0.5 -0.6

-L.V

-3.2 -12.2 +1.7

→



2007

+190 3174 16 47.9 +18 59

Not good

8.90 +1.02 +0.89 (2) m(I)

8.45 +0.345 (3)

8(12-0) +0.35

8(12-0) +0.45

618
405

π (net)

190

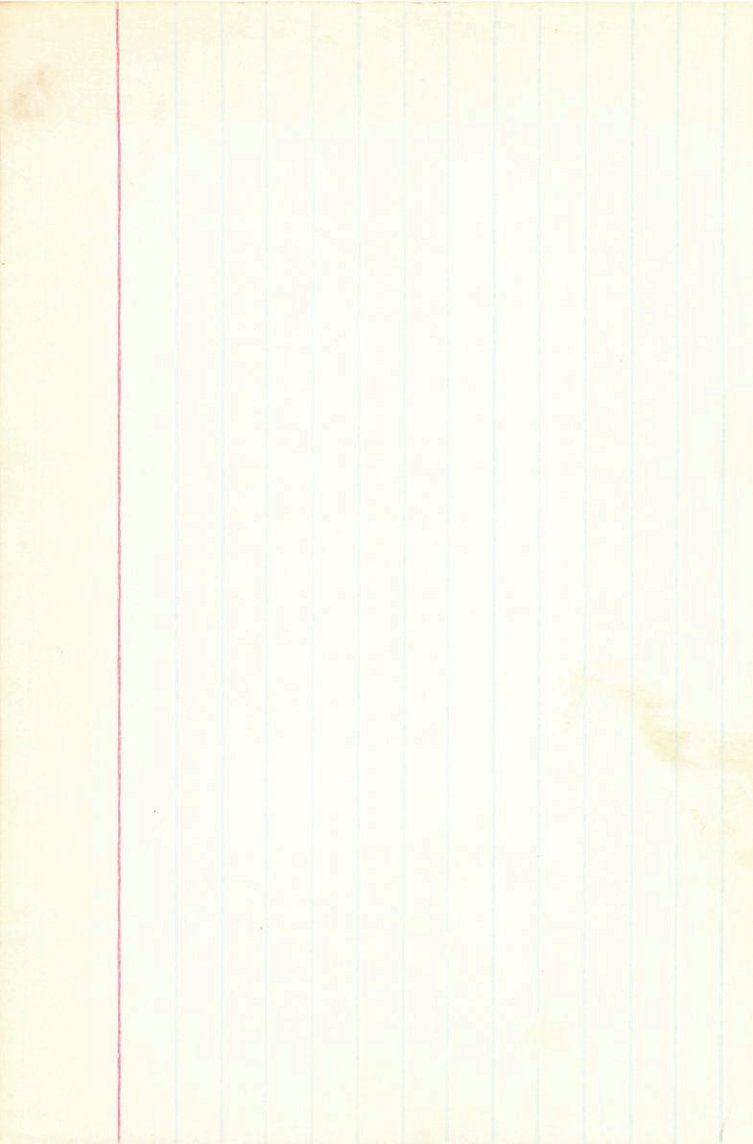
0.41
6415

m v w

-3.5 -10.5 -2.7

6k -3 -3 0

4.7 -0.33 -0.81



deal

154712 17 026 +59 39 124 B

43856

⁴⁴404116

⁴⁴404117

46014

40

8.65 +1.04 +0.94 ①

802 +0.375 ②

10.31 +1.40 +1.33 ①

9.43 +0.635 ②

4151

1562

810-0) -02

812-0) +075

202

π/121

810-0) -02

812-0) -05

+2.10

880

0425

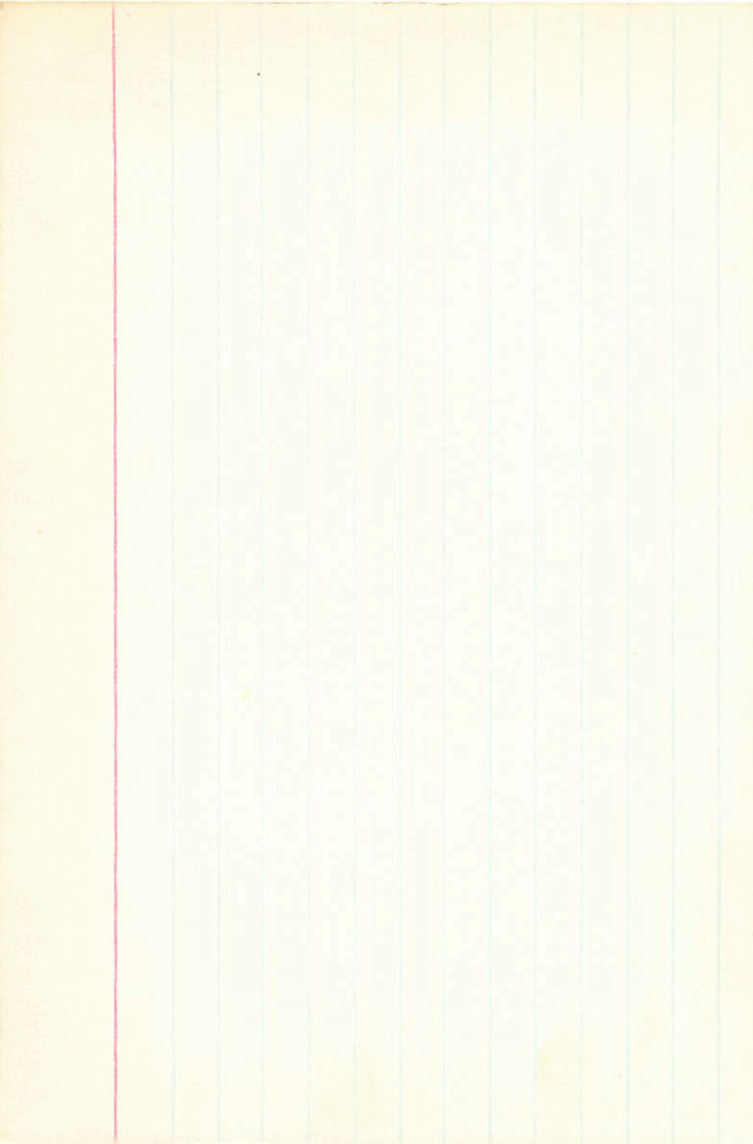
170

W V W

+328 -78.6 ~ 170

+141 -9 +12

→ +34.2 -79.5 -18.2



Prepaid

157214

17

18.8

+32

32

Cash

ced

✓ 3946

71A(12)

72M(7)

62S(7)

69

5.40 + 0.62 + 0.08 ③

5.15 + 0.245 ②

11(1)

+ 4.485 71(10)

4.9

0.485 079

071

61R-1) + 0.8

61M(0) + 1.85

-181 - 77.8 - 61.0

-44 - 18 - 15

→ -24.5 - 80.5 - 63.2

Answer

+2702853 17 35.2 +27 57

Normal

$B_m = 0$ (SD)

A+B 9.20 +1.165 +1.145 (2)

8.68 +0.47 (2)
_{8.215}

$\Delta(B-v) + 0.15$
 $\Delta(N-v) = 0.15$

C 11.95 +1.44 +1.29 (1)

10.72 +0.77 (3)

$\Delta(B-v) = 0.05$
 $\Delta(N-v) = 0.08$

756
955
239

0325



M(F)

+6.44
896

2.79

7164

-34.7 -104 +250

+52.5 -18.6 +4.3

+10 +3 +7

+50 3409 17 28.0 +5 36

~~43875.1~~

~~102 21(8)~~

~~9.33 + 1.47 + 1.24~~

~~work 25 / 15m 47~~
10"

Urent

12303151 17 35 5 +23 00

110

Y4011.1

10.04 +135 +124 (2)

M(F)

555M(8)

9.22 +0.60 (2)

$\Delta(13-9) + 0.25 + 7.00$

$\Delta(12-8) + 0.5 \checkmark 8.62$

10.23 +1.37 +1.30 (2)

~~1.37~~
1.82

71/24

9.30 +0.645 (2)

$\Delta(10-9) + 0.1$

714

0485

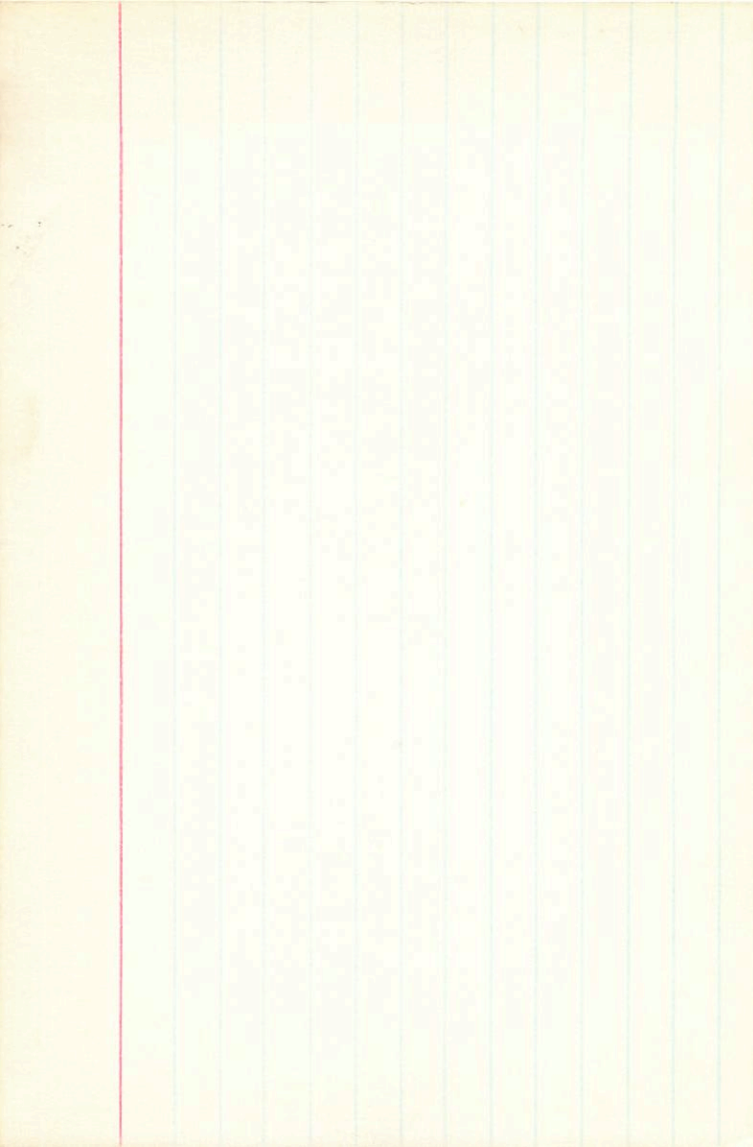
$\Delta(12-8) - 0.2$

866
152

0.0-155-156

-11.8 $\frac{u}{v}$ -16.3 +8.2

-6 -8 +4



4507

160 964 17 32.0 +71 56 118

Y14038

Y5M(10)

8.62 +1.095 +1.045 (2)
7.45 +0.43 (2)

M(F)

A(B-D) + 0.15

1.32
7.55
128 7.24

A(M-D) - 0.15

.0555

M V W

057

-254

OK

~~7~~ 0.4 -1.54 -2.45
+3 +3 -4

-28.4 +101

+710851

39.3

17 ~~451~~

+7122

4pm

dm

Y4049

606(7)

9.20 +1.10 +101

(2)

M(I)

632 H (out)

804

174

244

645

(2)

8.50 +0.435

$\Delta(13-4) + 0.2$

$\Delta(12-0) + 0.3$

M V W

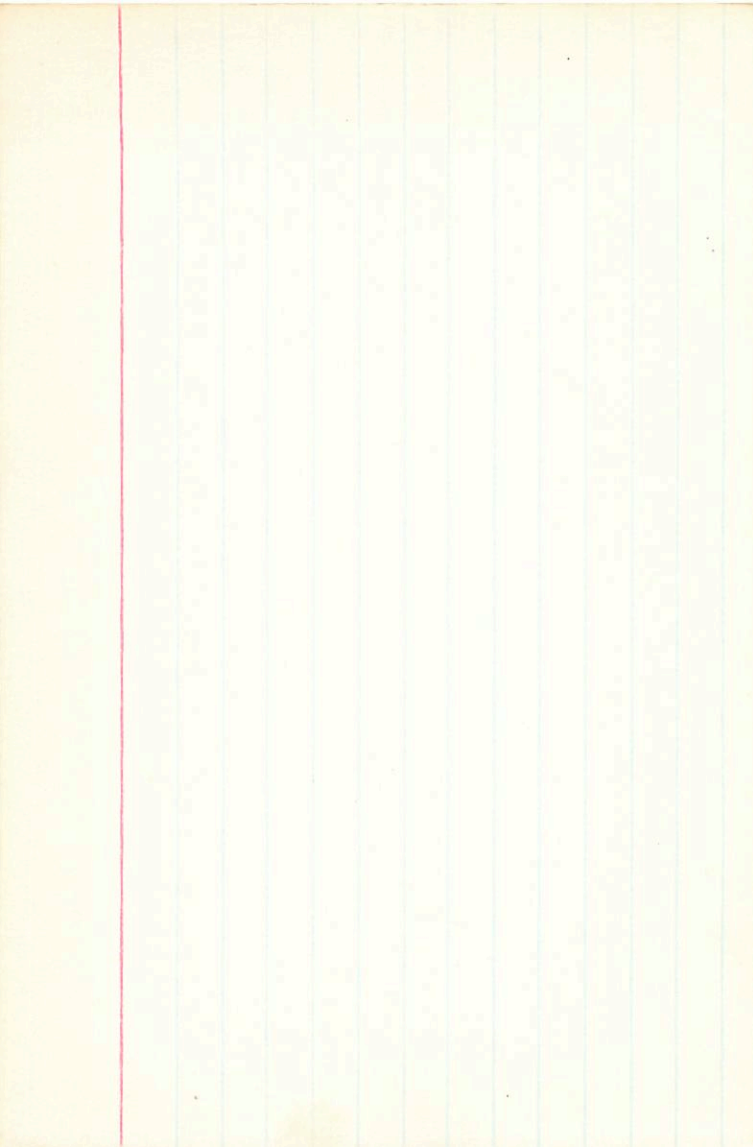
+35.2 -14.2 +5.7

+15 -5 -3

-0.120 +0.321

→ +345 -14.0 +5.9

-3.0



quest

+18° 34' 9" 17 53.6 +18 31 18°

not yet

9.22 +1.185 +1.16 (2) M(17)

8.62 + 0.48 (2)

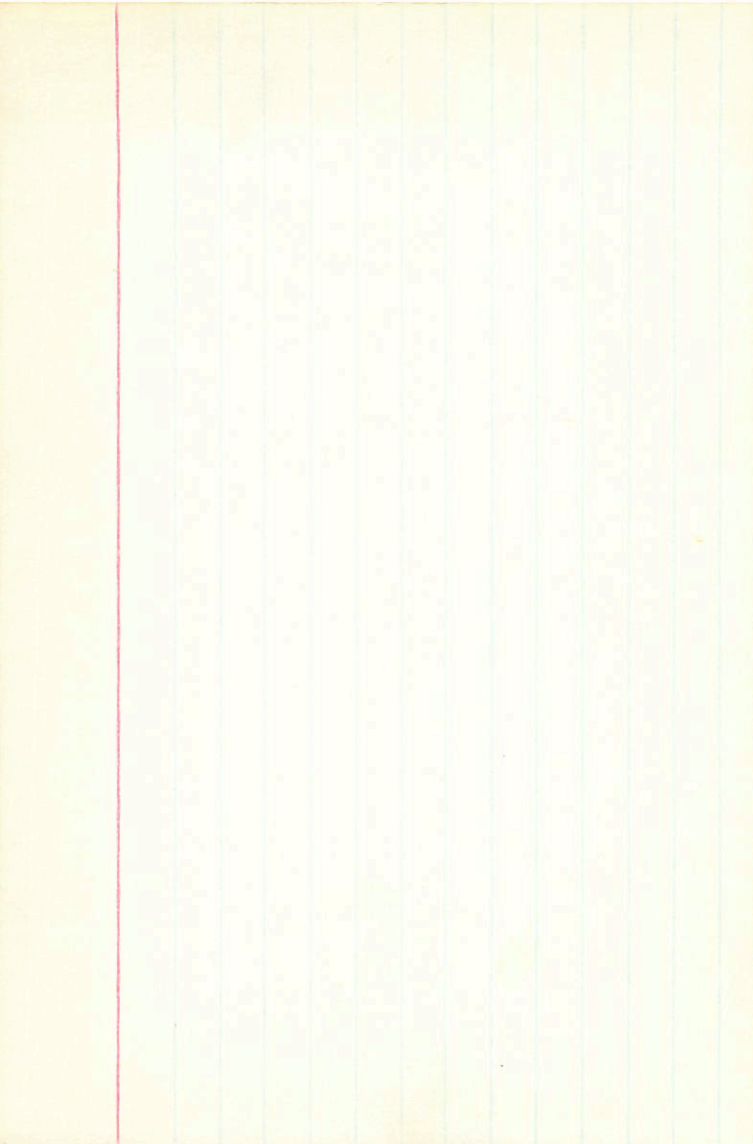
8(13-1)	+015	658	7(17)
Δ(12-1)	-01	514	
		<u>159</u>	0435
			048

N V W

+15.2 -22.6 -9.7

R -2 -2 0

-28.4 -025 -052



~~4/2/21~~

2603215 18 15.7 26 34 dies

Y4201

25m(10)

9.60 + 1.03 + 84 ③
9.00 + 0.41 ②

m(I) |

6.24 m(1/2)

854

0.87

235
0.34

$\Delta(1/3 - v) + 0.5$
 $\Delta(1/1 - v) + 1.35$

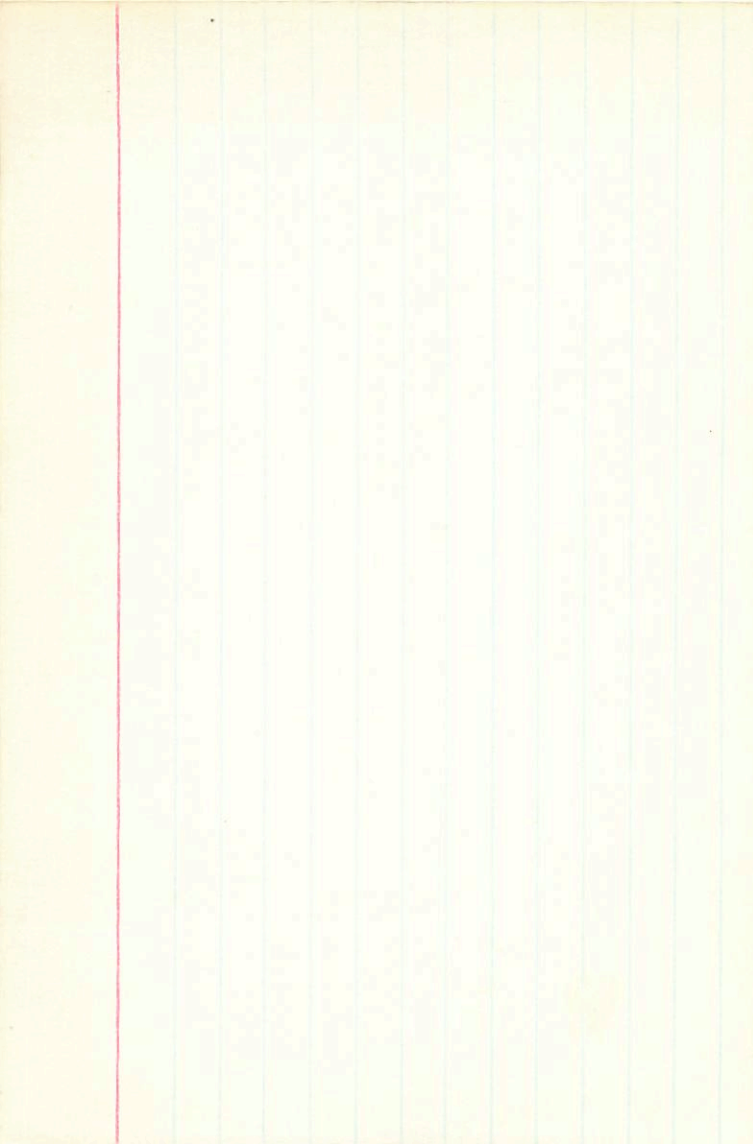
n v w

+44.2 - 18.5 - 54.3

+6 +9 -1

→ +13.1 - 20.1 - 54.1

Y4.0 +333-1097



171314

blel

~~1228406~~

18 31.2 + 22 17

~~74272~~

891 + 1.125 + 1055 (2)

MIF) 1/101

20M(10)
40(5)

8.32 + 0.425 (2)

6.67
750
183 0445

18(13-1) - 0.25
18(12-3) + 04

043

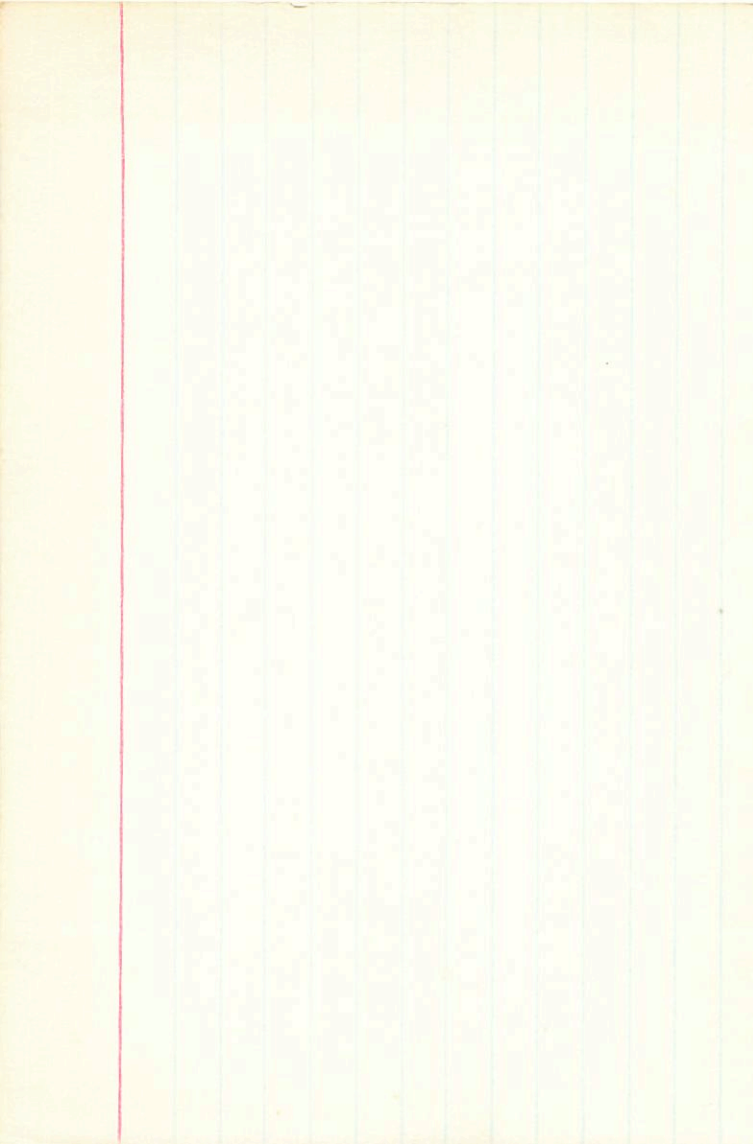
M V W

136.8 - 158 - 485

-66.1 - 6.5 + 6.8

-19 - 15 - 1

→ -67.6 - 7.7 + 6.7



+3103330 18 39.0 +31 30 1035

del

YBM

A 8.54 +0.94 +0.635^{8/5} (2)

m(I)

8.04 +0.36 (B)

$\frac{15.48}{7.68}$

$\frac{2.19}{0.345} \rightarrow \pi$

B

11.54 +1.58 +1.18 (C)

10.39 +0.89 (D)

$\frac{17.9}{9.5}$

$\frac{1}{1.6}$

3/4(12)

3/4(7)

3/1

m v w

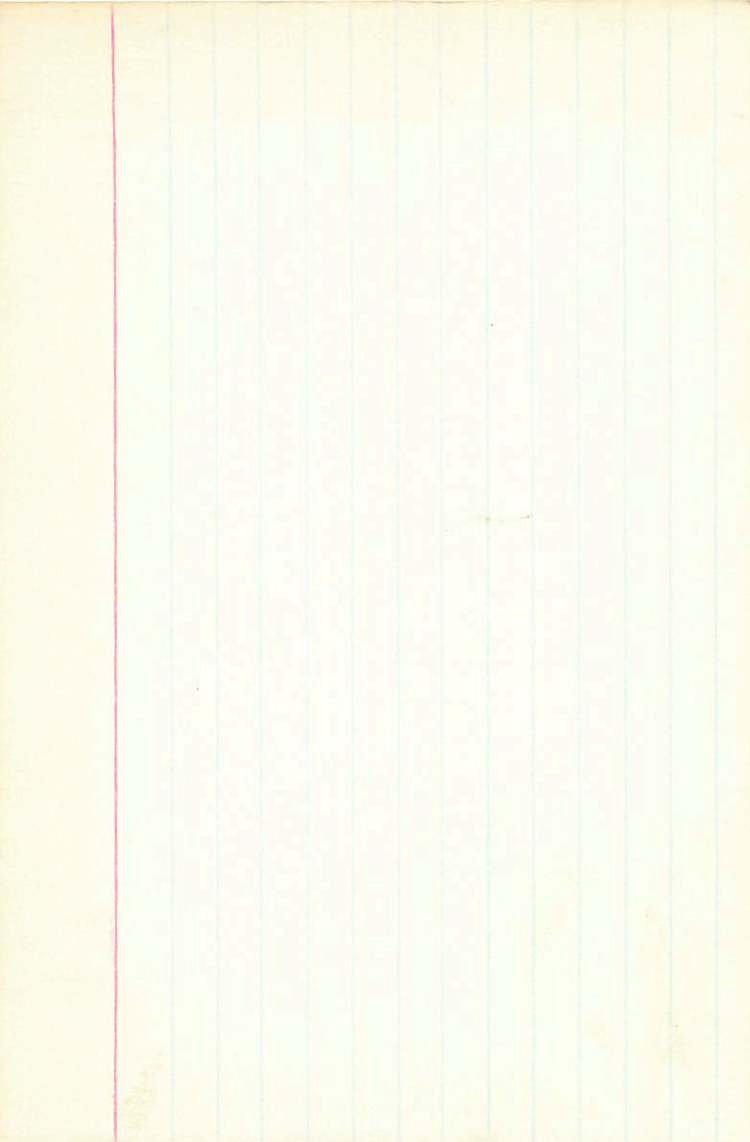
+0.040 -0.742

-92.6 -1.5 -343

-3 1 -12 -14

-1013 -4.8 -39.3

+33.0



leaf

2R9590 18 46.7 417 24 dm1

44345

56m(12)

38y(h14)

63M(18)

64V(12)

9.22 + 1.27 + 119 (3) 7105

8.34 + 0.60 (2) 817.9 + 10

~~817.9~~

✓

774 071

m ✓ w

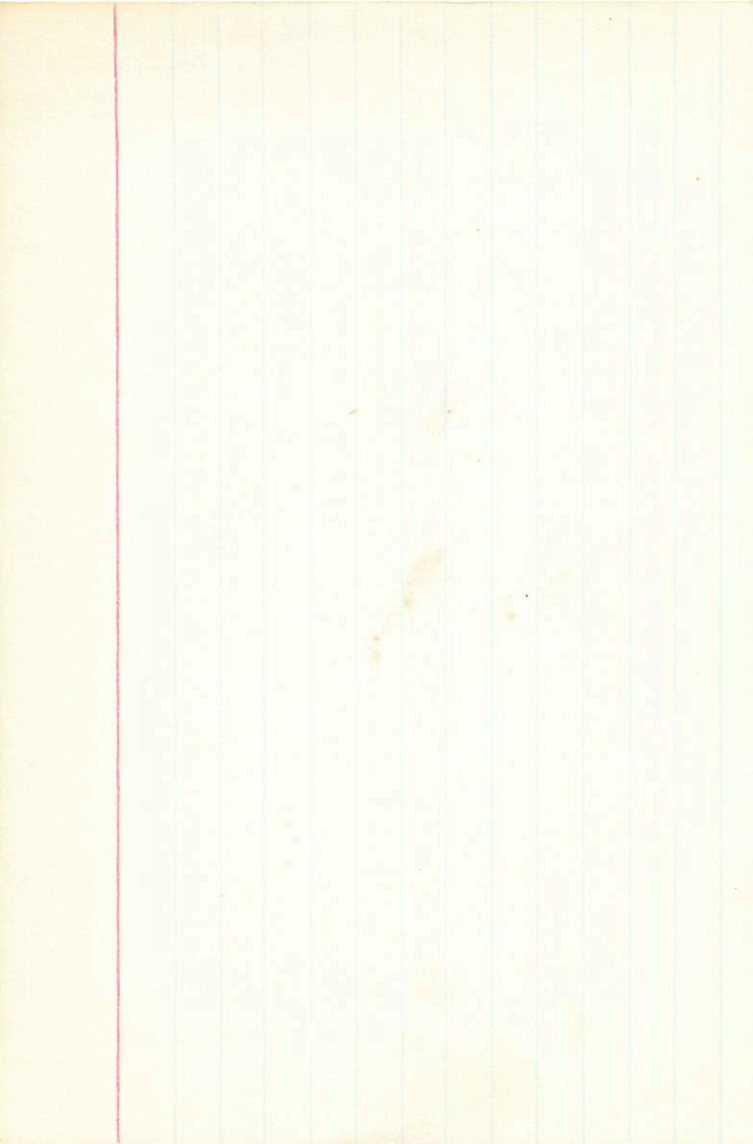
-14.2 - 38.6 + 16.7

-15.0 - 42.4 - 11.0 ✓ -19 -19 +9

m(I)

+20

n(104)



+790615 19 083 +79 41 126

cel

not good

9.74 + 1.08 + 0.555¹¹⁵ (2)

M(I)

9.20 + 0.465 (2)

M(II)

✓ 690

$\frac{874}{235}$

034

$\Delta(13-1) + 09$

$\Delta(12-1) + 16$

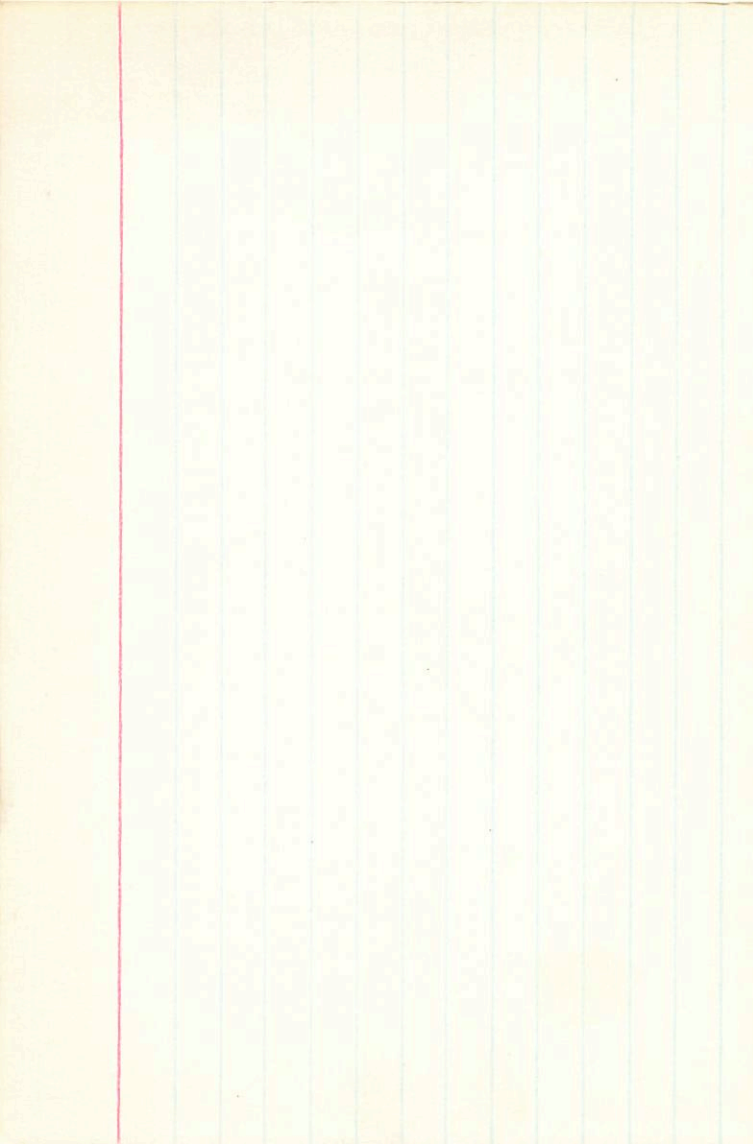
21 v w

✓ +13.4 - 35.2 - 8.4

+8 -4 -12

2012 +147

2322



Old York

+210 3804 14 28.0 +21 35

Not yet

9.98 +11.6 +1025 (2) M(I)

9.30 +0.48 (2)

8(18-0) +04 6.96 π (not)

8(12-13) +12.5

882
231

~~0335~~
0345

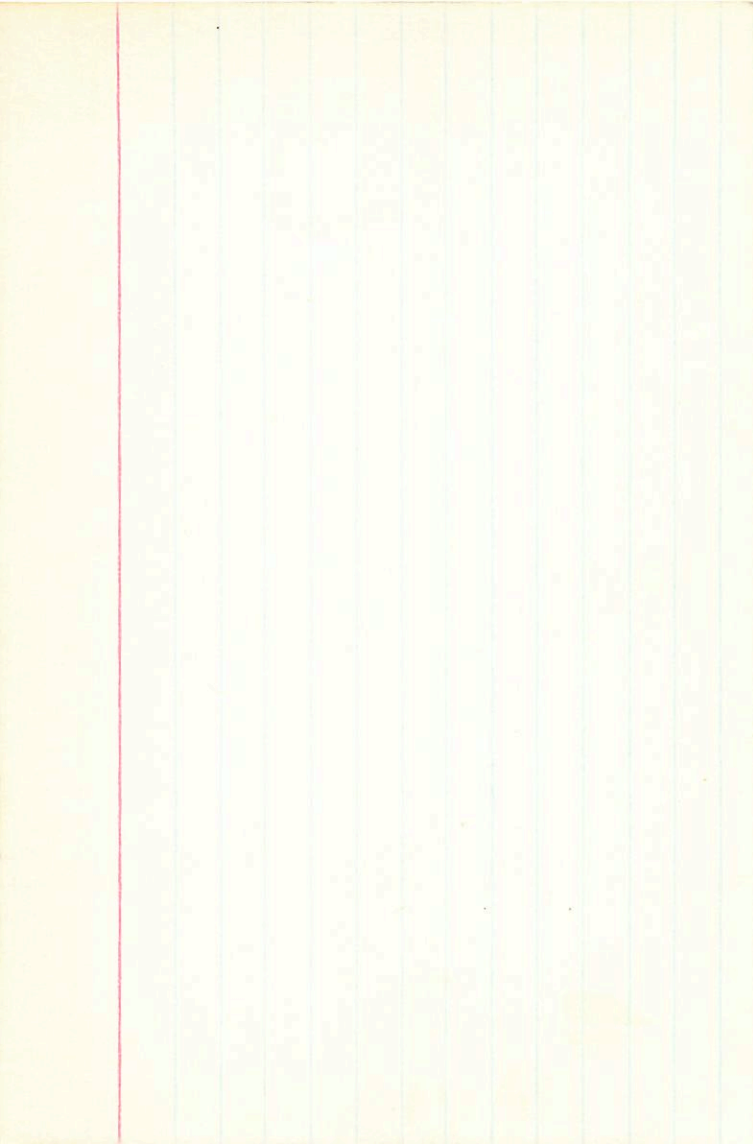
-150-160

21 V W

-33.7 \rightarrow 2.1 +11.6

+12.5
-9 -6 +4

\rightarrow -330 -66 +11.3



Red

184489 19 32.1 24 27 of m/

Y 4583

9.35 +1.40 +1.215 (3)

M(LI)

110M(L)

8.44 +0.601 (3)

703 71004

764112)

8 (13-2) -0.22

783 800669

654444)

6 (12-3) -0.75

544 (66)

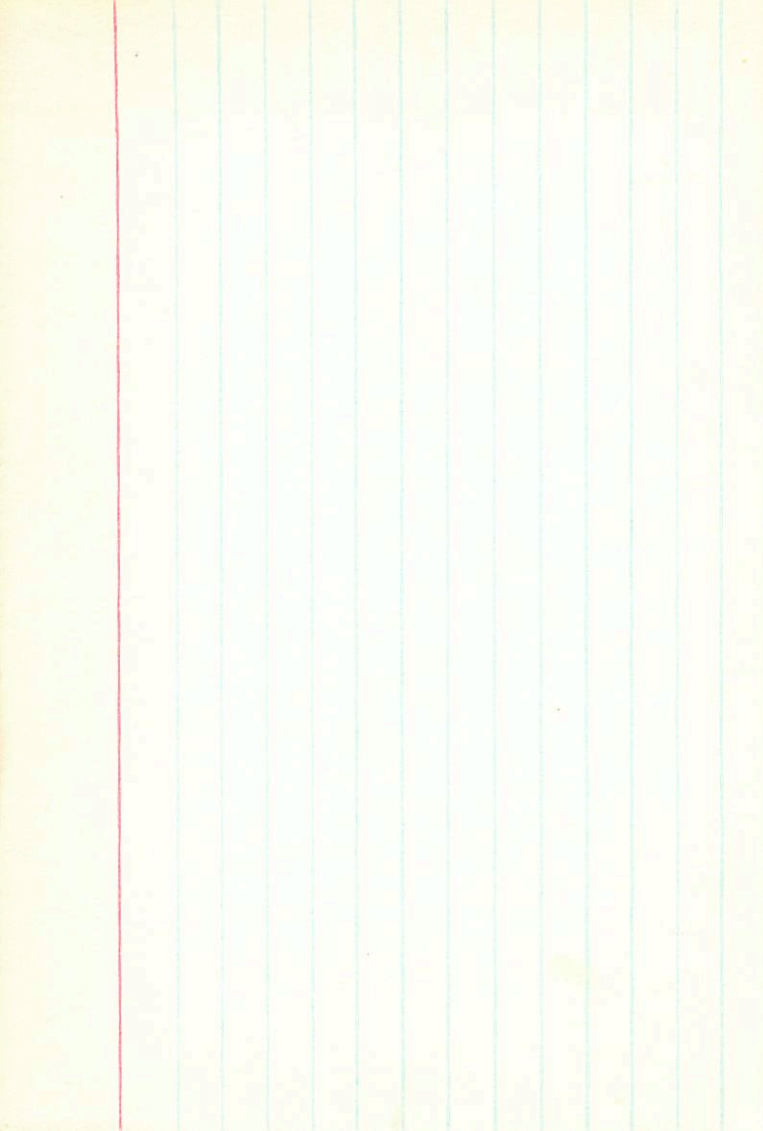
75

M V W

✓ +62.3 -11.6 -150

+17 -16 -15

-51.0 +51.0 +270



leaf

185144 19 32.5 669 35 190E

44607

4668 +0.78 +0.35 (V) M(T)

434 +0.285 SKJ → +5.25 ✓

$\frac{4704}{119}$ Δ (13-1) +0.45

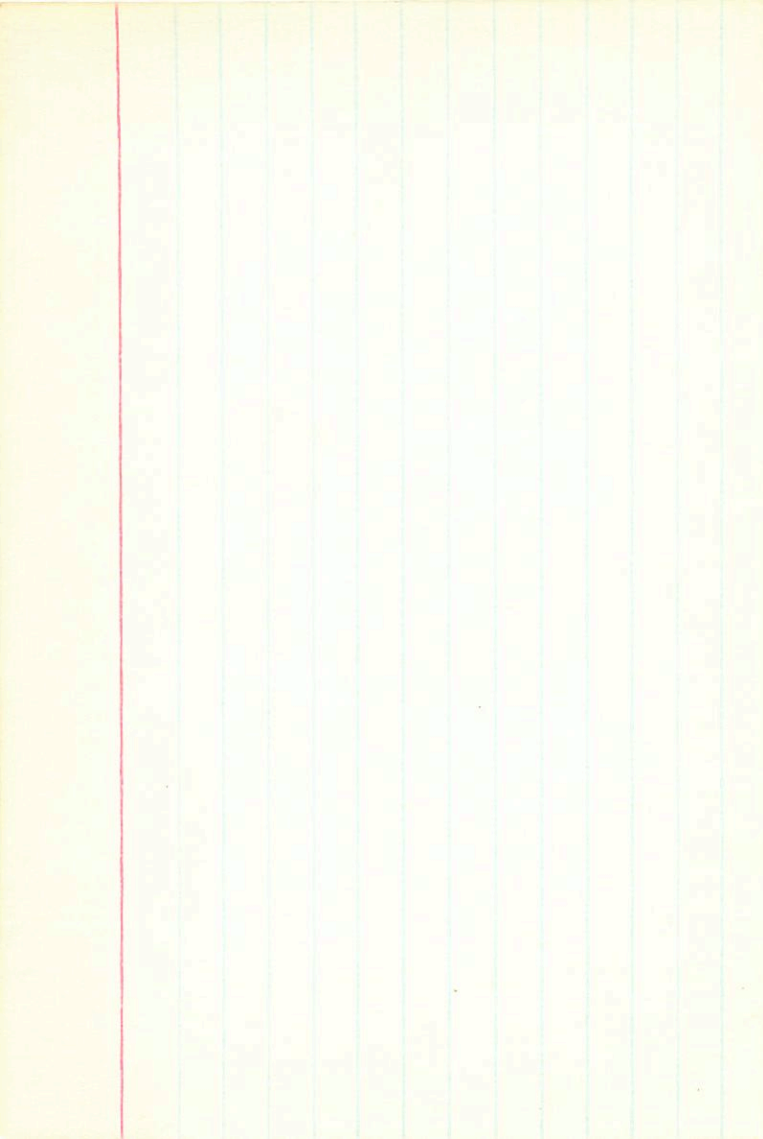
18 (14-1) +1.75 ✓

180A(120)
182M(110)
168G(15)
1685(23)
173

✓ -21.4 +43.3 -18.7

+0.573 -1.743

+26.7



old

AL 9.148-85

AG ~~9.148-85~~

19 9/1.0 + 10 070

Not yet

10.00 + 1.26 + 1.17 ①

9.19 + 0.515 ②

M(I)

670

867

799

71(1.1)

239

0405

B(12-V) + 01
A(12-8) + 055

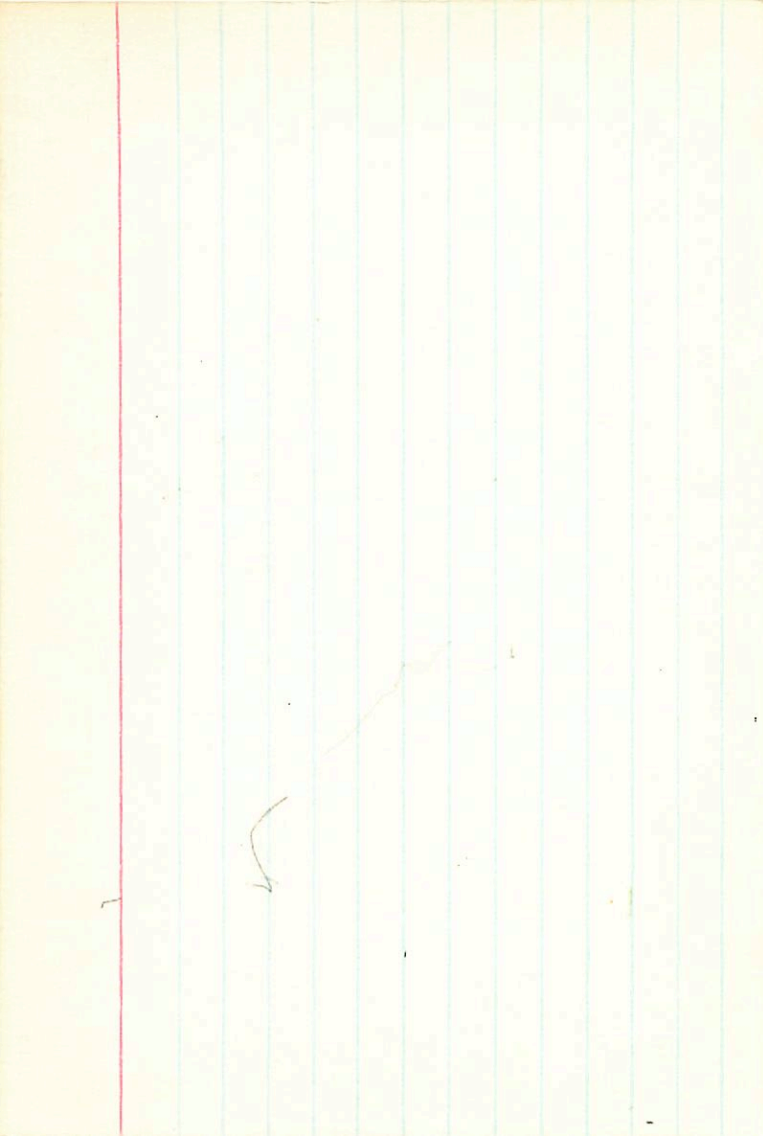
M V W

+22.5 + 8.8 - 13.7

+7 + 5 - 5

→ +21.8 + 8.3 - 13.2

-6.7 + 14.9 + 0.59



Answer

150409

20 015 +23 R 1512

alg

74762

41A(20)

7.28 + 0.82 + 0.34 (2)

MII

+5.46

6.57

1.44

PI/MI

20M(7)
50

Δ(B-V) + 0.9
B(M-Q) + 24.5

0.58

0.52

-93.7 -50.5 +29.8

-55 -28 +17

→ -104.7 -56.1 33.2

your

14785 20 08.5 +16 02 dkt2

74793

7.32 + 0.855 + 0.49 (2)

M(I)

7(101)

31A120)

6.46 + 0.305 (2)

8(18-0) + 0.25

+5.72

064

55M151

6.48
+285
1Aqpm

13.94 + 1.61 + 1.14 (2)

8(M-Q) + 0.25

4.44

36

12.45 + 1.295 (2)

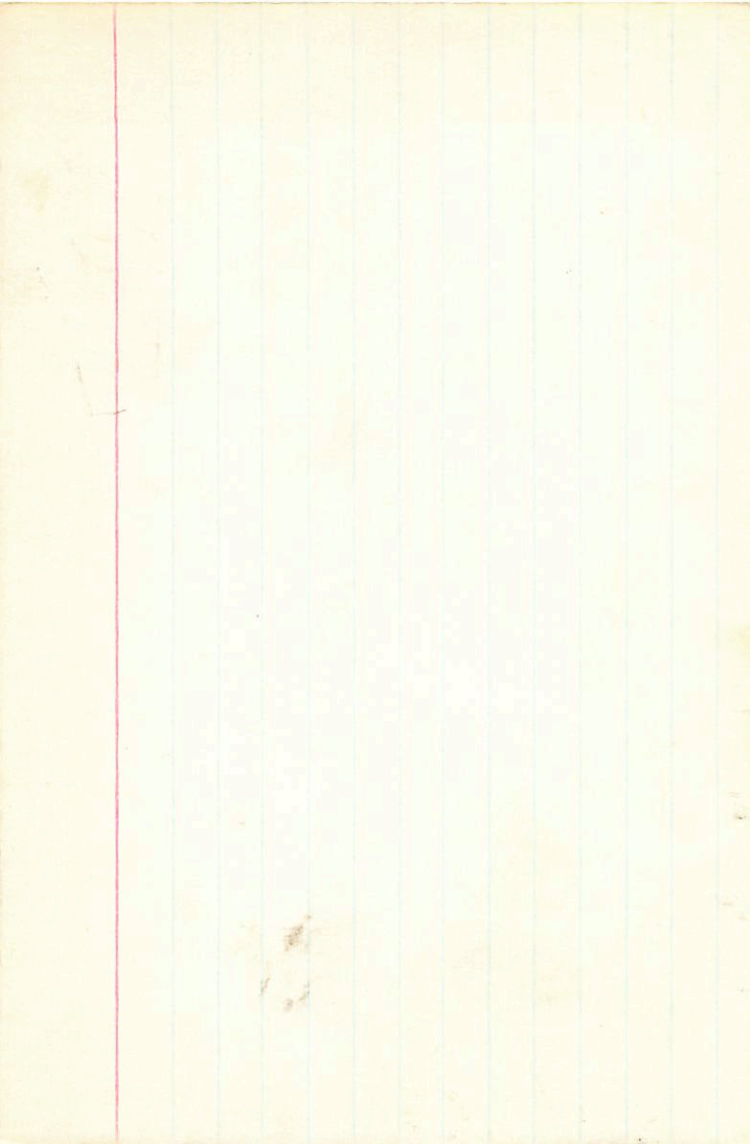
N V W

+31.3 - 0.10 250.8

-508 - 0.414 + 0.399

+2 47 426

→ +31.2 - 31.5 + 489



1604459 20 14.5 46 47 108

Notifik

9.772 + 1.145 + 1.075 (2)

8.59 + 0.445 (3) MIT

71.110
71.110
71.110

$\Delta(10-1) = -01$
 $\Delta(12-8) = -01$

136
85
219
π(104)
035
637

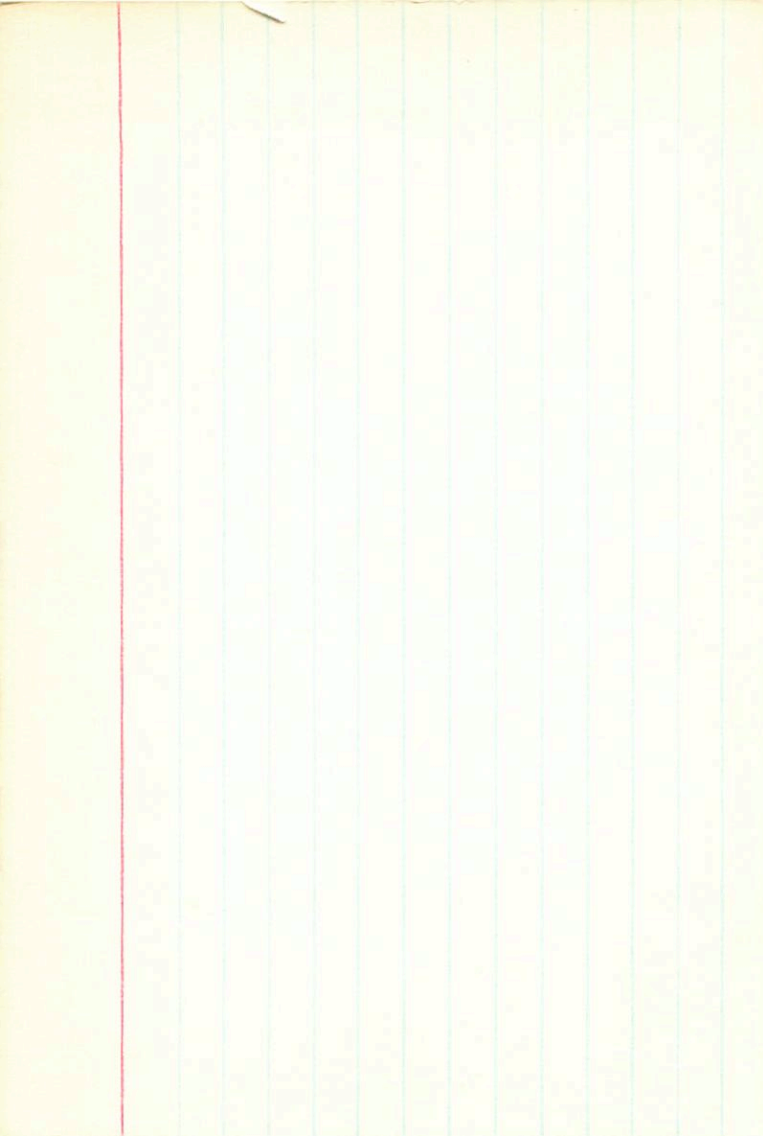
M V W

+434 -30.6 -4.1

+5 +2 -6

-48.5 + 102 + 015

→ +42.6 -30.8 -3.1



49000

+3303936 20 29.5 +33 26 128

Waldyde

9.23 +1.13 +1.085 (2)

m(I)

8.59 +0.45 (3)

813-4 +01

+6.88 71/124

Δ(12-8) 00

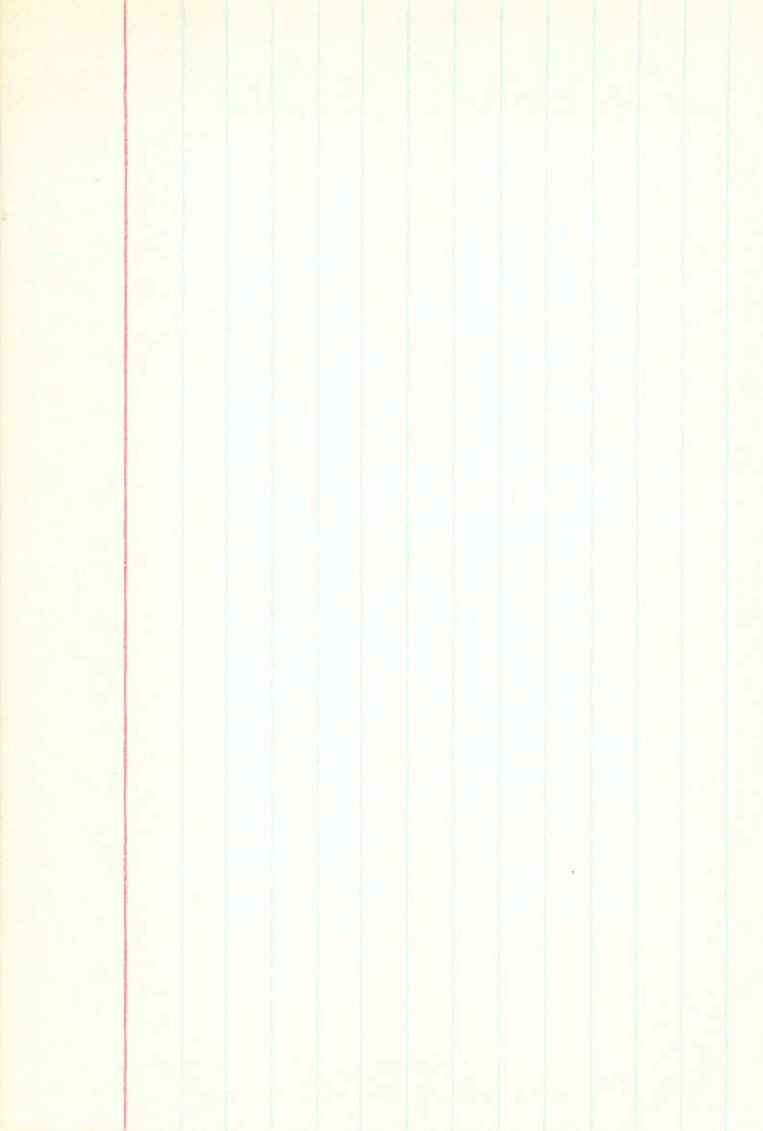
139 044
045

u v w

+12.0 -21.5 -11.4

8u +4 +1 -6

-24.6 +0.153 +0.007



cut

260779 21 029 +6 5-4 $\alpha^2 \beta \gamma \delta$

45070

8.32 +1.225 +1.175 (2)

605m(10)

7.55 +0.50 (2)

D(13-14) +015

M(I)

437(12)

D(12-13) +025

6-58 7/12/4
505

337(14)

40 282

125(14)

083

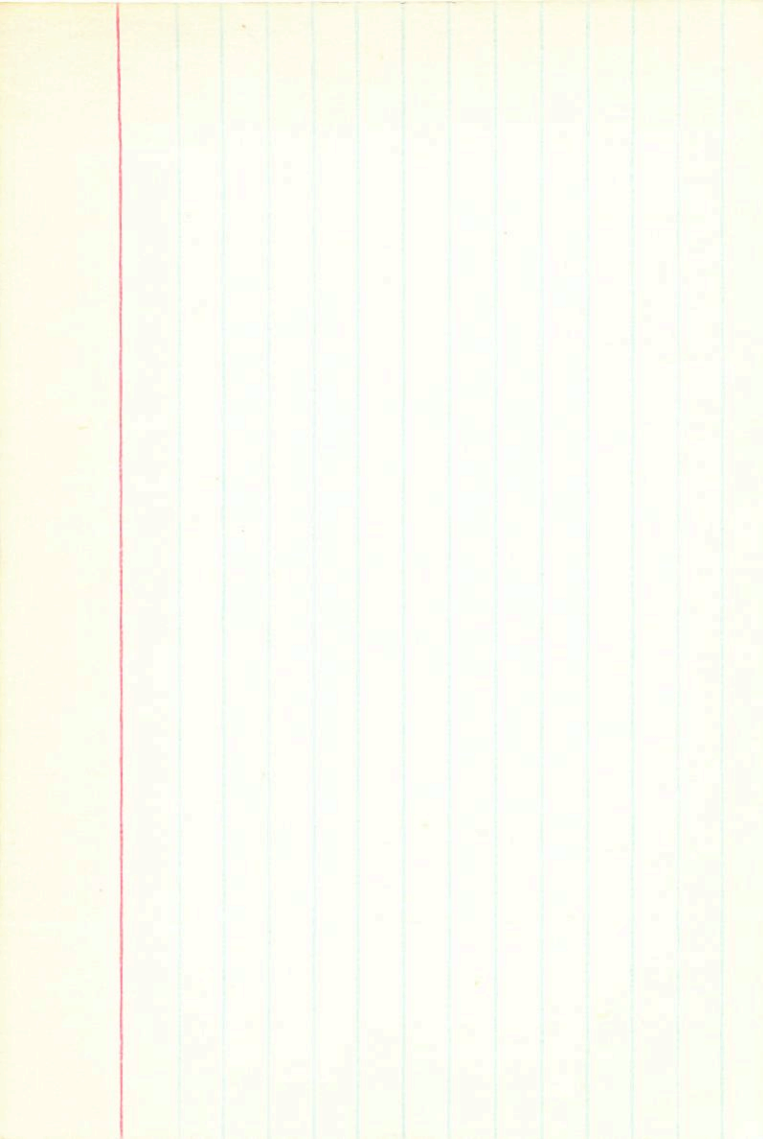
Q U V W

+15.8 -688 +20

R

-12 -18 -17

-4.30 +677-505



wed

+2904321 21 05.6 +29 34 18

Not yet

9.63 +1.04 +0.89 (2)

8.98 +0.465 (2)

M (T)

698

7114)

810-1) +13

012-8) +225

207

838

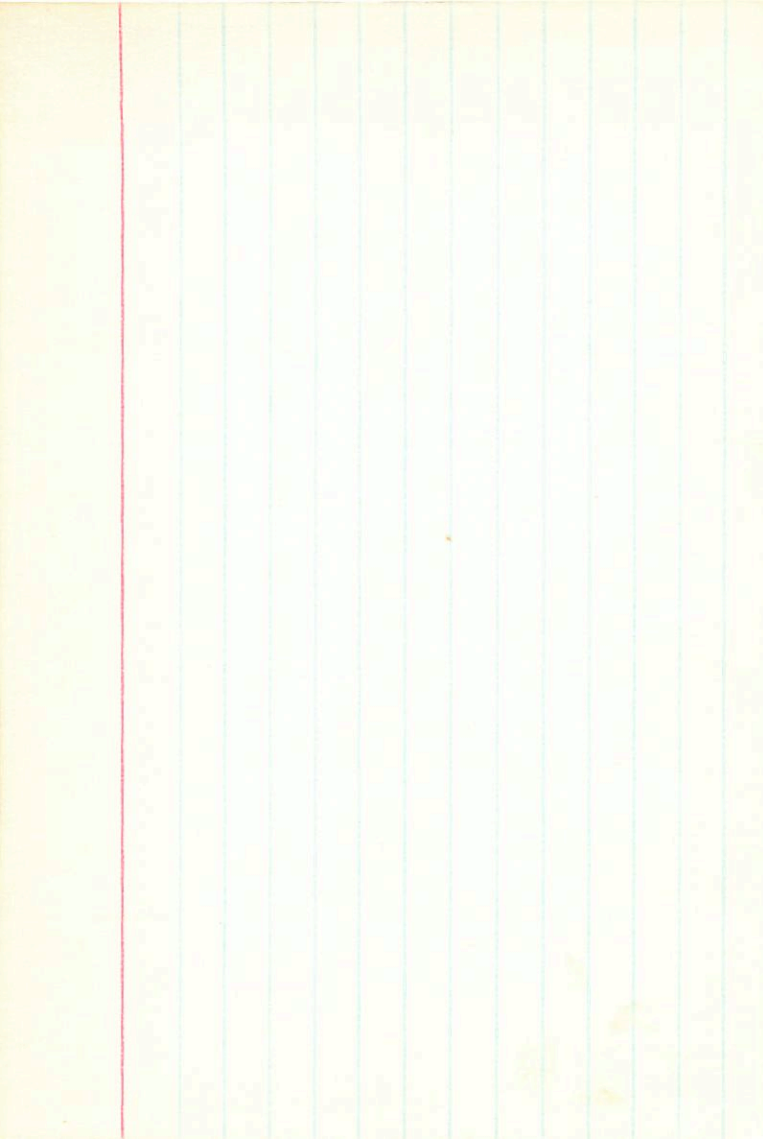
6385

+0.030 -0.240

1.0

dr

M V W
-17.9 -10.3 -21.8
-7-4 -8



202251 21 155 -0 03 div6

dep

Y5124

404(20)

400(10)

454(12)

8.23 +0.55 +0.83 (4)

7.74 +0.40 (2)

MLI)

15885
734
π(12)

Δ(13-ν) +075

Δ(12-δ) +12

154
0.54
154
0.48

-250 +466 -183

M V W
+37.1 -24.2 → 23.3

+11 -7 -20

→ 136.6 -30.8 -27.9

