

A0511324 6.16 + 87 + 12 - 0013 ± 7.1 - 013 ± 6.4

-1890

169493

18 22.4 - 01 36 6.1 df=22 - 10.28

25131

16588

21.467 1895.8 -1 36 29.47 1894.5

070
537

1.72
2875

79 25.6

Am=0

3.826

16.23 1934.12

17.762

46.000

21.5 + 27

30.23

39.5

1.27
343

1.41

4058

3513

40.8

21.5672

29.04 1936.46

+ 28

29.66

565

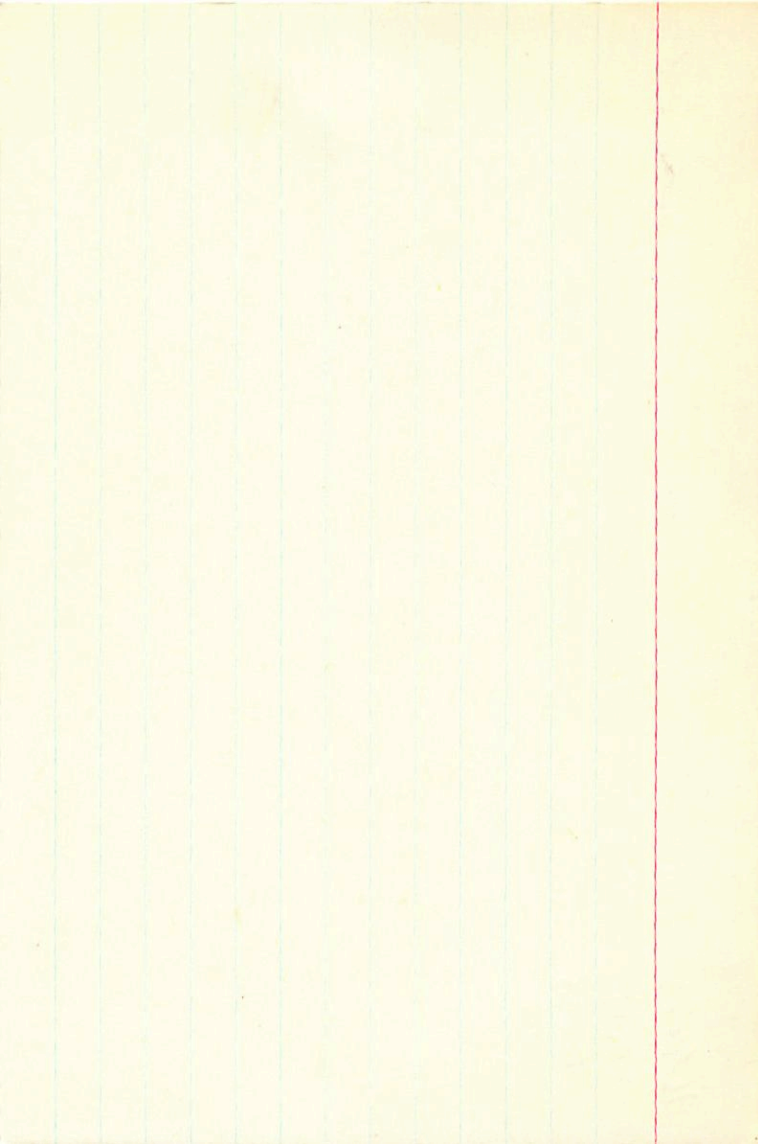
29.06

564

28.86

+ 0.27

- .11



21 Sep
169420

10004 ± 1.8
+0007
-029 ± 1.8
-024

-2.2

25132

10887

22.290

A0511325
5^m 2^h

-0.20

270

52.998

29.311

22.313

22.312

310

+14

324

22.285

14

271

22.4
-20
34
5.0 g/m¹
-11.8g

1899.4 -20 34 13.18 1898.7

+1.49

11.69

59.80 143.5.15

45.60

14.20

1.62

1.58

12.53

12.55

12.68 1939.23

+1

12.67

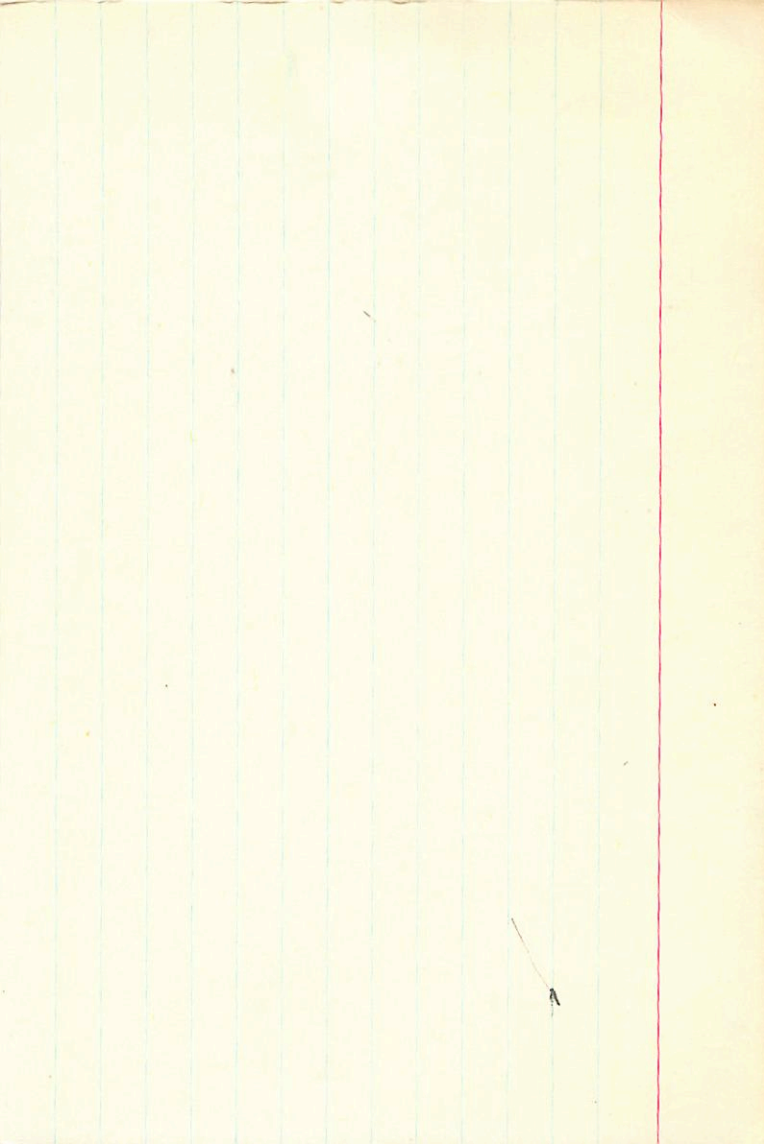
12.61 - 92

37.8

4.38

37.2

38.5



μ Eye

HR6903

18 22.6 +39 29 -25c

5.04 +0.03 +0.05 4.3 $\overline{111}$ -022 -011 6c

00 -025 +001N

-019 -008 (2)

U36 772

+0006 ± 12.2 -019 ± 10.6
+0031 -013

169885 18 22.7 +53 16 6.2 A2 -3.78

25145

+005

-

10897

43.117 1911.8

21.41 1909.5

-023

+74

094

22.17

43.193

+5

43.198

+104

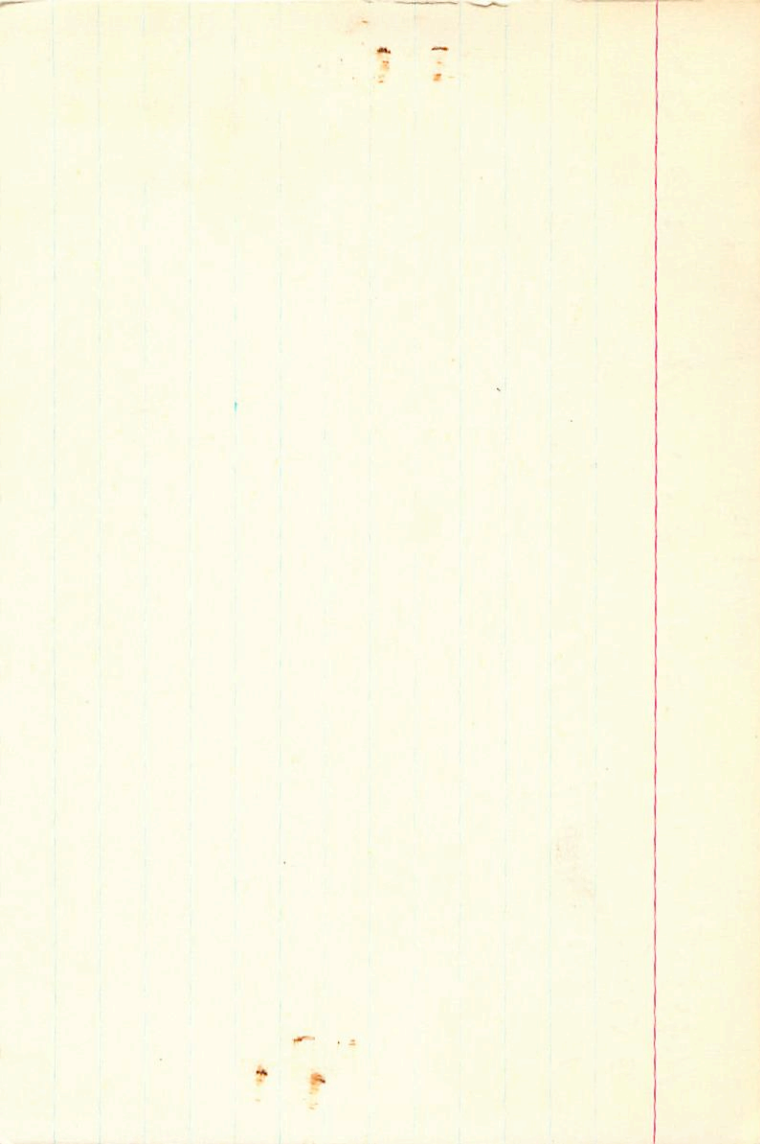
21.55

-25

21.70

-47

194458



-40.26

6901 18 22.8 +35 42 631 102

+022-1002-66
-3
-1007
+020

$P = 2296$

47.7

10

6901.000*

18.000*

22.800*

38.000*

42.000*

0.020*

0.007*

5.500*

125.893

-40.200

0.045

-0.370

20.541

0.051

0.053

-27.862

-0.074

0.367

-24.035

10

169405

25150

10899

18 23.1

-0013 ± 6.7
+0002

-045 ± 5.7
-051

-48 09 5.5 84 + 3.8 6

6.013 1912.5

049

062

6.086

-32

054

35.6

6.099

-15

084

069

+007

-48 8 48.01 1908.8

+185

46.16

47.72 1938.96

-12

47.84

1730

49.45

-1

49.46

48.15

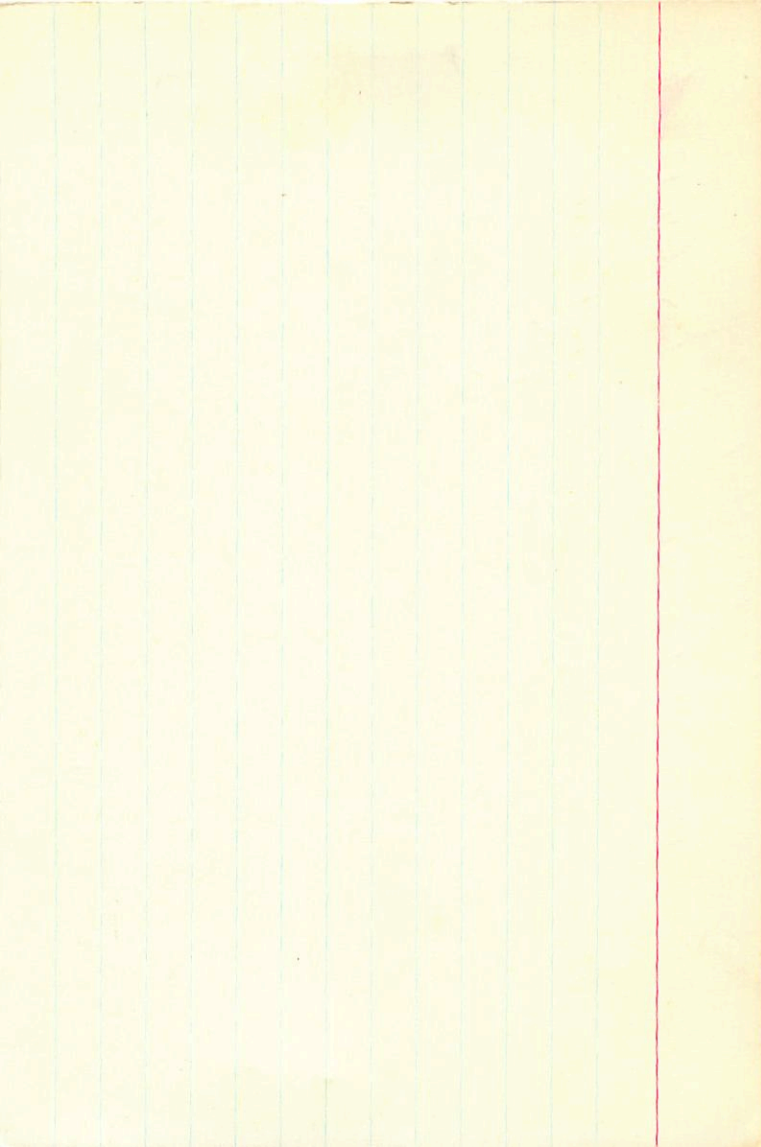
-1.99

1987.18

9614

48.1

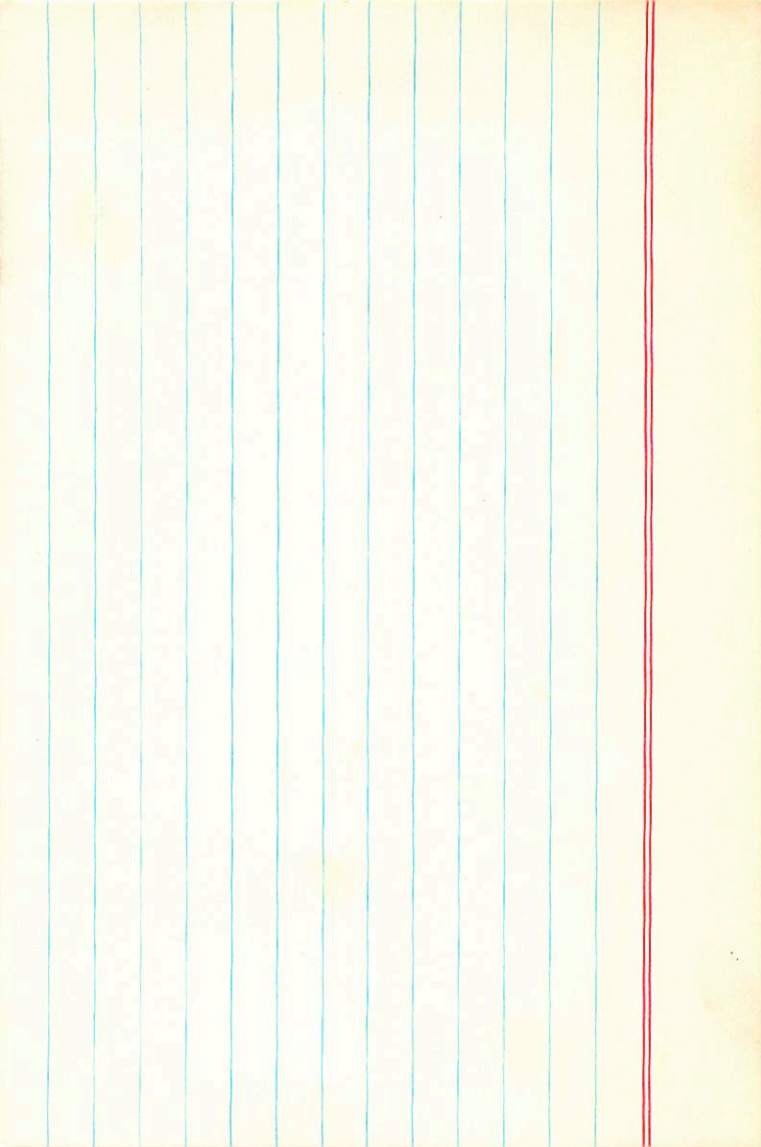
39.3



169706 18 24.2 -33 27 ROT -24.45C

FD1020 7.03 +1.02 (2.03)

^s
-0.0010 -0.024



16.9957 18 24.4 40.8 04 26.0 42.20(3)

48.03696

8.82 + 0.66 + 0.24 6.205 R

W10920

$\delta = -04$

$w(4.0)$

-67 -20 +7 .010
-90 -38 +9 .007

-056 -102 Y
-4 0
-060

-994 106 141 850 -056 -102 +42.0 -014 +6 -479

-056 -014 -006 -001 -261 -095 +41.6 +4 -41

-17 -49 -36 012

-61 -13 +6

59 SW
169984

-0007 ± 2.1 +0 -005 ± 1.7
-0002

18 24.6 +00 10 / 5.3 G+40 -23.3a
4" (7.8 A2 -22.2b

25176 $b_m = 2.30$

10923

38.911 1880.5 +0 9 53.16 1884.7

+ 32
53.48

A0S11353

38.932

53.27 1934.0

53.82

9

38.955

53.08 1938.96

+4
53.14

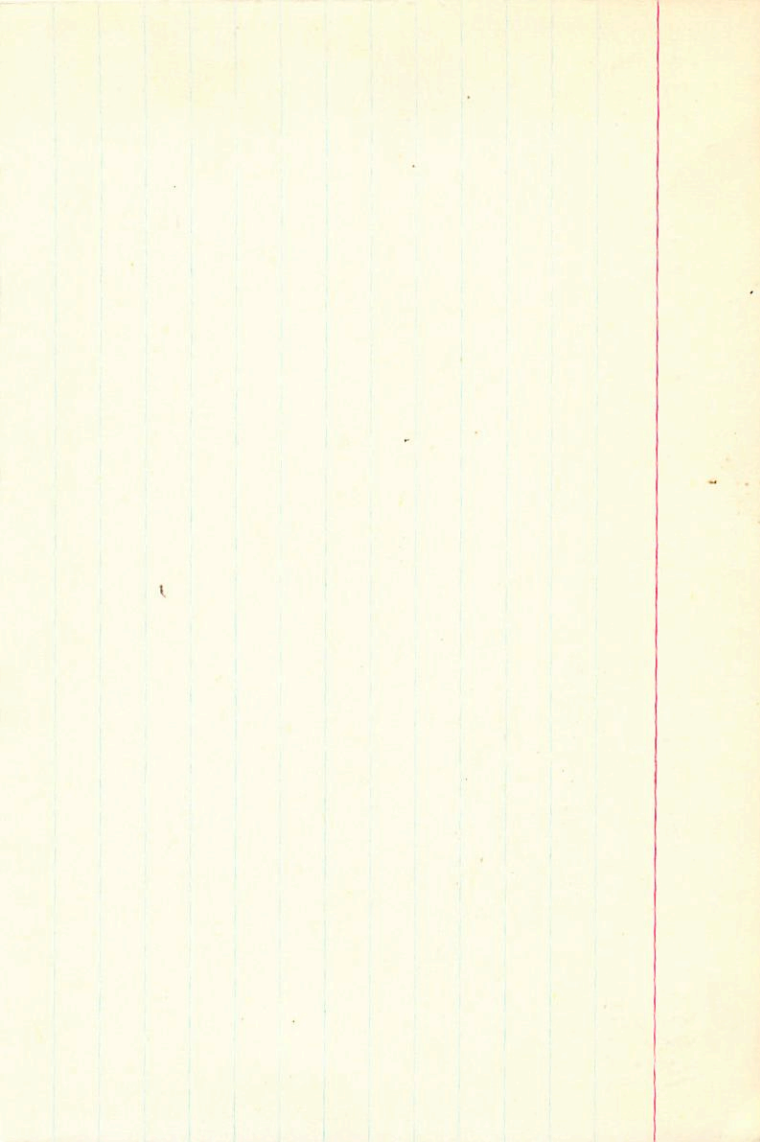
1296 560

954
947

57.8

53.23
-2.5

-0.13



2 Sep
169916

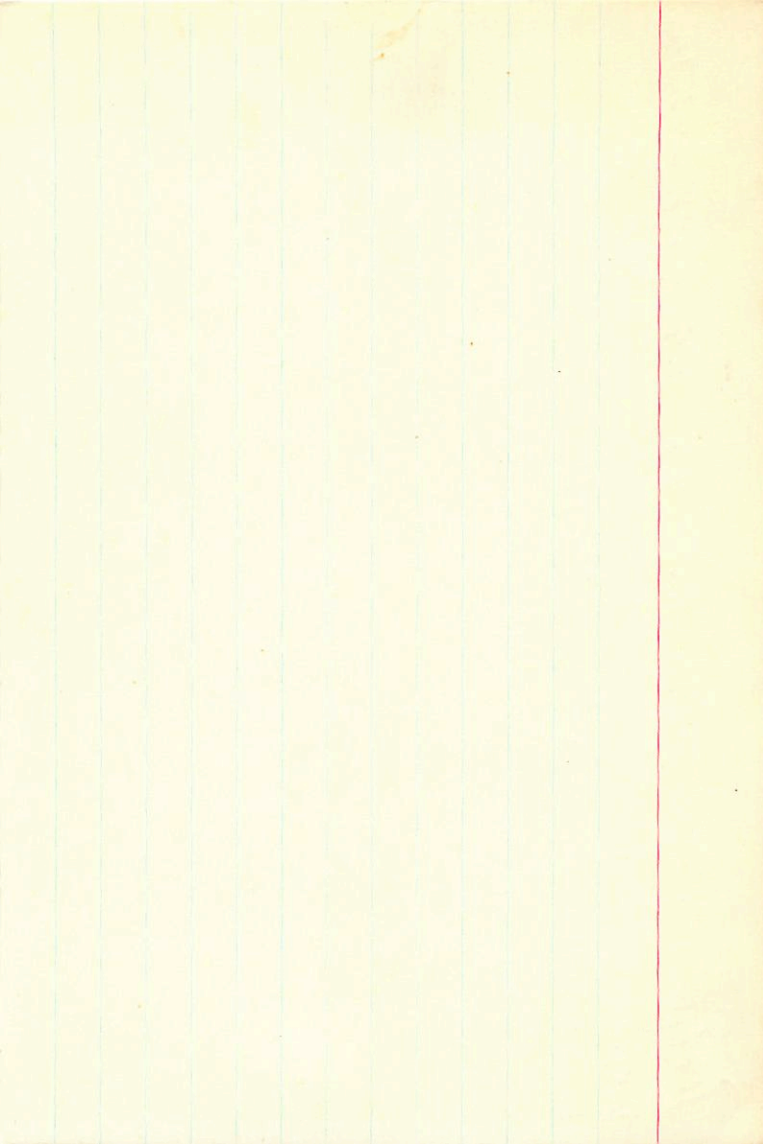
18 24.9 -25 27 2.9 g (P) -43.3c

205180

10927

-0033⁷⁴ -185⁷⁴ N30
-0031^{1.1} -174^{1.1} G-L → N30

46⁵⁷



759
C 9316
GC 25180
W 10927
44239
-25° 13' 149

18 249 -25 27. 711
Σ 99+c
2.77 +1.06 - N 2.11
B-v

-43.3a
-43.2c (106)
-43.2c (9)

M (H.O)

10296 -1848
10324 -1871

+40 -23 +2 -050
+40 -28 +2 .040
+40 -36 -1 .030
+39 -52 -3 .020

-044 -183 F
-047 -188 GC
-045 -185 N30
-045 -185

0439
-044 -187
-044 -187
-375 0600 110

Hyades

VU
2141(10)
65-48
46=7

-994+109 -431 503 -045-185-43.3 050+19-751

05

-9 +44 +3

+40-22+2

-10+45-1

04

6407

(69830)

18 246 25 87

326 181 439 2644

-0004 ± 2.7 +004 ± 2.8
-0008 +001

169990 18 25.0 -17 50 6.0 88 -34.98

25186

10930 1.376 1902.0 -17 49 56.51 1901.2

019

1.395

32.848

27.520

1.368

1.365

1.367

354

24.375

35006

1.340

26

1.383

381

365

-030

18.83

21.33

57.60

+17

35.5

94

-20

56.71

50.33

51.42

58.91

159

56.349

700

56.13

1929.68

56.68

703

56.87

+4

56.83

41.80

1941.04

11.252

37.5

36.3

57.08

170137

19 25.2

⁰³ 103

43

6.1 9123 -19.38

25194

10933

20.863

-6-7

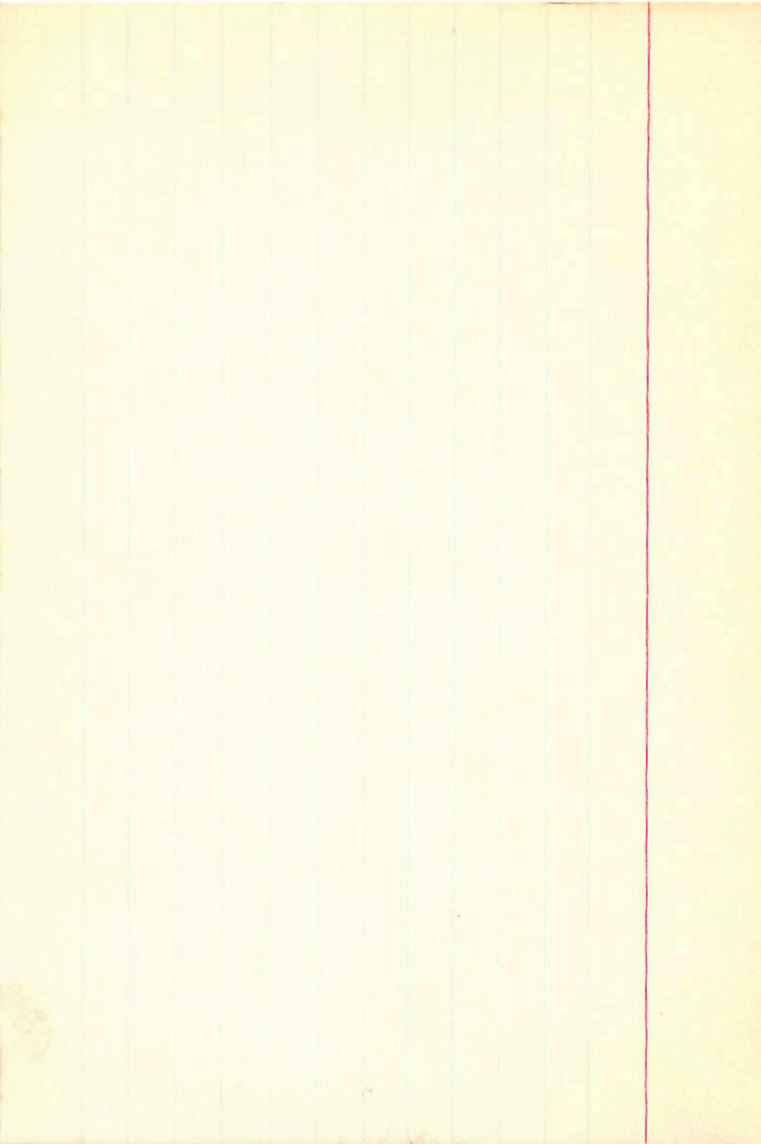
169942 18 25.3 -38 03 765 +1.58 144 VII

+0030 +017 ±9 CP

+3 +6
+6 +8

+0039 +031

79
154



42.00

170693

25212

10941

+0161±1.7
+0168
-028±1.4
-629

18 25.8 +65 32 5.0 9/11 +32.46

50.460 1897.0

-853

49607

50.410

20
490

6833

50.10

35
138

+65 31 56.65 1894.3

+1.56

58.21

56.87 1945.10

-13

56.74

690

57.4

-22

57.18

(40.6)

578

289

378

+682

19 30.0 (43.3)

56.96

-1.25

B92

37.6

10946
+770696
25225

18 26.6 +77 32 2868 -6.9

171299

7.07 +1.01 -10.77 4 20"

106

QC
+0.33 +0.36 V

36.758 1901.1
548
218

+0112±6.5
+0108

+031±7.8
+036

47.73 1903.2
-141
46.28

36.666
218
1690
+480

47.74 1945.43
8
47.52
+1.54

5 Paw
169978

25227

10948

-0004 ± 3.0
+0005

-048 ± 3.0
-048

18 26.7 -62 19

4.8 88m + 59.26

42.374 1905.7 -62 18 46.22 1900.9

$$\begin{array}{r} 018 \\ \hline 392 \end{array}$$

$$\begin{array}{r} 42,411 \\ - 25 \\ \hline 386 \end{array}$$

820

$$\begin{array}{r} 42,416 \\ - 26 \\ \hline 434 \\ \hline 410 \\ \hline + 018 \end{array}$$

370

$$\begin{array}{r} 2.36 \\ \hline 43,86 \end{array}$$

$$\begin{array}{r} 45,83 \\ - 15 \\ \hline 45,68 \end{array}$$

1439.62

45.7 1945.7

$$\begin{array}{r} -323 \\ \hline 46,02 \end{array}$$

8532

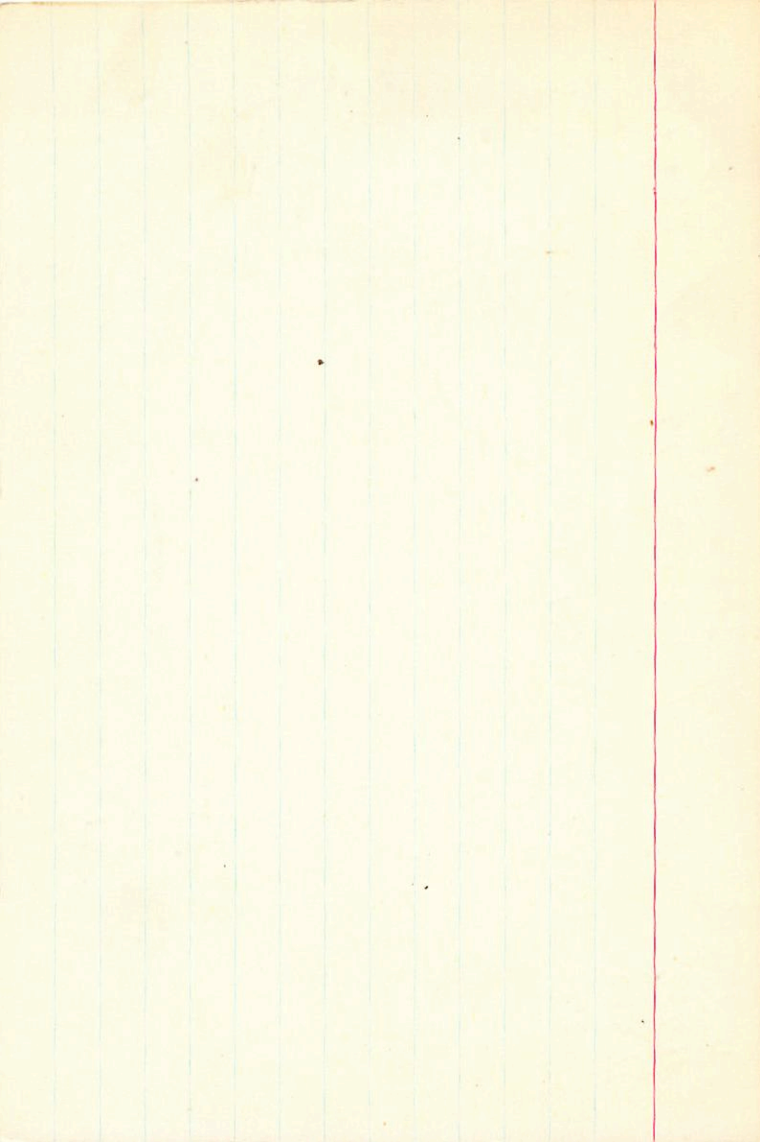
$$\begin{array}{r} 46,02 \\ \hline 45,85 \end{array}$$

42.7

$$\begin{array}{r} 45,85 \\ \hline -1,99 \end{array}$$

41.8

88 (IV) MW



V451Ceph

18

26.9

+10 51

-14.7

+10⁰³⁵²⁸

7.9

350 m.

$$\begin{array}{r}
 +001 - 012 \\
 - 2 \quad 0 \\
 \hline
 -001 - 012
 \end{array}$$

1092

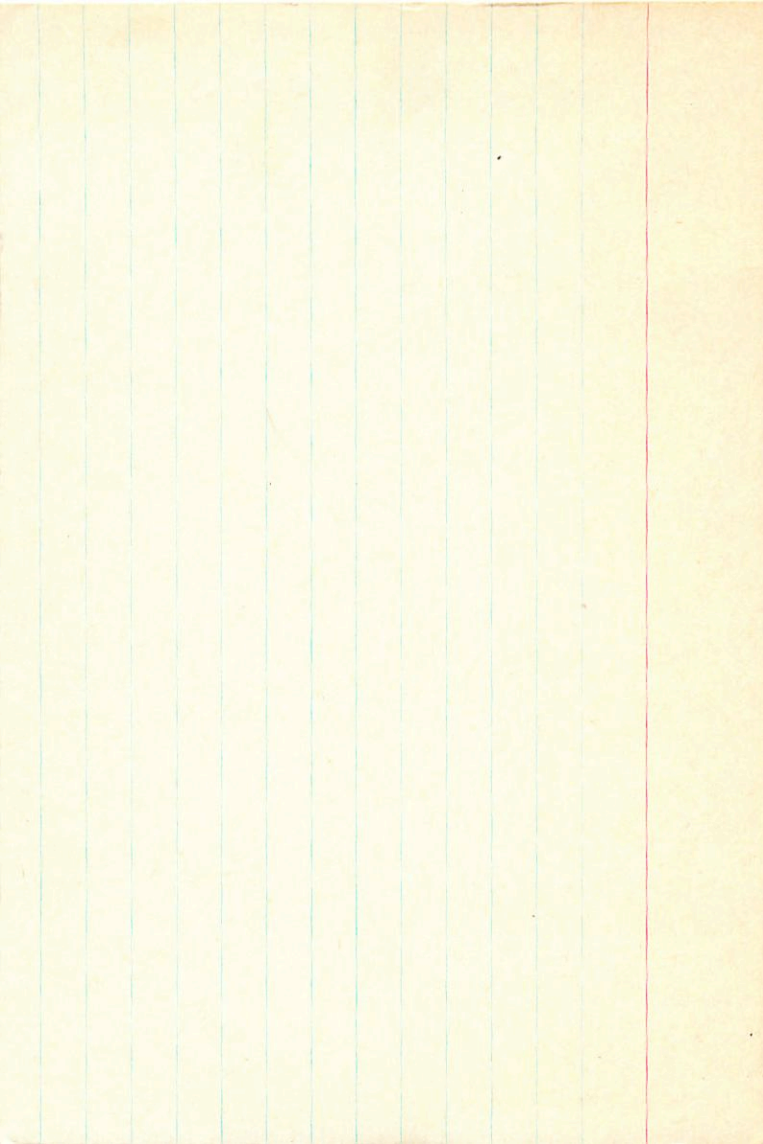
2.5

162	639	-752
441	635	634
-883	434	179

-03.64
-03.61
-02.47

-12.7	-2
-12.5	-22
-8.7	-11

+11.0
-9.3
-2.6



$$\begin{array}{r} +0068 \pm 2.8 \\ +0058 \\ +041 \end{array}$$

$$170811 \quad 18 \quad 27.0 \quad +59 \quad 31 \quad 6.5 \quad 968 \quad -9.68$$

25233

$$10952 \quad 0.916 \quad 1892.7 \quad +59 \quad 30 \quad 55.44 \quad 18913$$

$$\begin{array}{r} -390 \\ \hline 1520 \end{array}$$

$$\begin{array}{r} -2.47 \\ \hline 52.97 \end{array}$$

$$40.23$$

$$20.440$$

$$0.725$$

$$715$$

$$+724$$

$$1529$$

$$764$$

$$805$$

$$+238$$

$$1529$$

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$$+238$$

$$1529$$

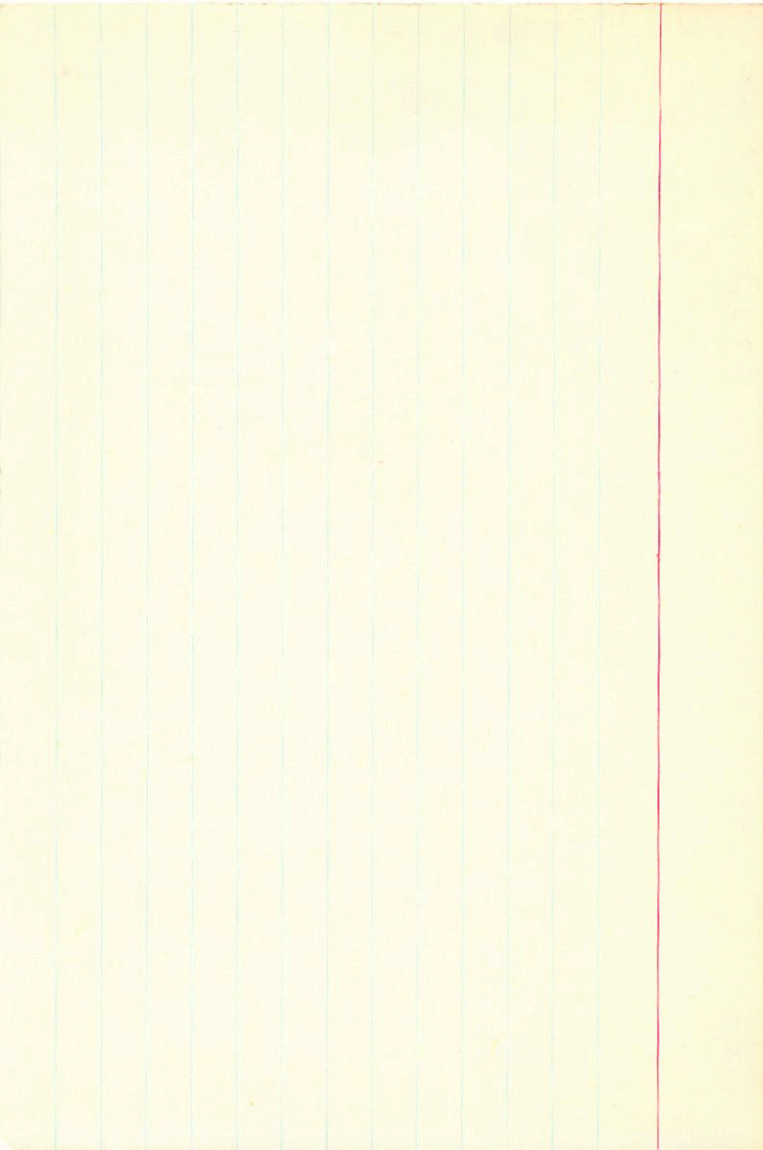
$$764$$

$$805$$

$$+238$$

$$1529$$

$$764$$



$$\begin{array}{r} +0025 \neq 3.0 \\ +0017 \end{array}$$

$$\begin{array}{r} 170433 \\ 25239 \\ 18 \\ 27.3 - 18 \\ 46 \\ 5.8 \\ 9120 - 1.48 \end{array}$$

$$25239$$

$$10957 \quad 15.462 \quad -18 \quad 45 \quad 4478 \quad 19013$$

$$\begin{array}{r} 118 \\ \hline 344 \end{array}$$

$$\begin{array}{r} 482 \\ \hline 3996 \end{array}$$

$$47.275$$

$$28.108$$

$$\begin{array}{r} 15383 \\ \hline 15384 \end{array}$$

$$379$$

$$17$$

$$372$$

$$15.428$$

$$\begin{array}{r} 426 \end{array}$$

$$31.5$$

$$141.13 \quad 1928.32$$

$$56.28$$

$$44.85$$

$$159$$

$$26$$

$$43$$

$$+19$$

$$43.07$$

$$43.98 \quad 1940.23$$

$$+1$$

$$43.84$$

$$43.46$$

$$-3.50$$

$$68.55$$

$$34.3$$

$$33.0$$

$$33.0$$

-2.36

B215

18 27.6 +4 02

10003-006

1557

170580

6.70 -10 -51 +30 +90

6.67 +10 -50 C

287 2.655

18.5

120 021 103 067 089

263 178 469 5.25

4550 +5 -6056 -1083

10000 -007
10000 -006
10000 -006

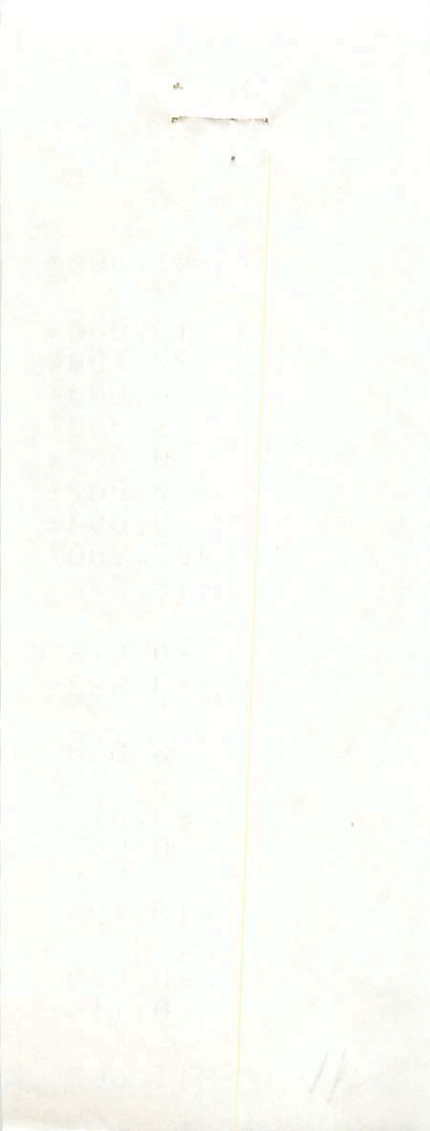
-2.3
8.05

1002-008 8.10

1906 1000
1906 1000
1906 1000
1906 1000
1906 1000

-22.2





6941.000*

18.000*

27.600*

4.000*

2.000*

0.002*

-0.007*

8.050*

407.380

-18.500

-0.016

-0.822

8.538

-0.019

0.557

-18.190

-0.023

0.115

-11.667

11

RAD. VEL. : -30.000
 MODULUS : 417
 DISTANCE : 8.100
 PM. DEC. : -8.000
 PM. R.A. : 3.000
 DEC. : 4.000
 R.A. : 18.450

U : 8.225
 UB : -18.244
 d3 (U) : -0.823
 d2 (U) : 0.243
 d1 (U) : 0.182

V : -20.281
 VB : -22.203
 d3 (V) : 0.228
 d2 (V) : 0.708
 d1 (V) : 0.438

W : -12.287
 WB : -22.241
 d3 (W) : 0.117
 d2 (W) : 0.423
 d1 (W) : -0.884

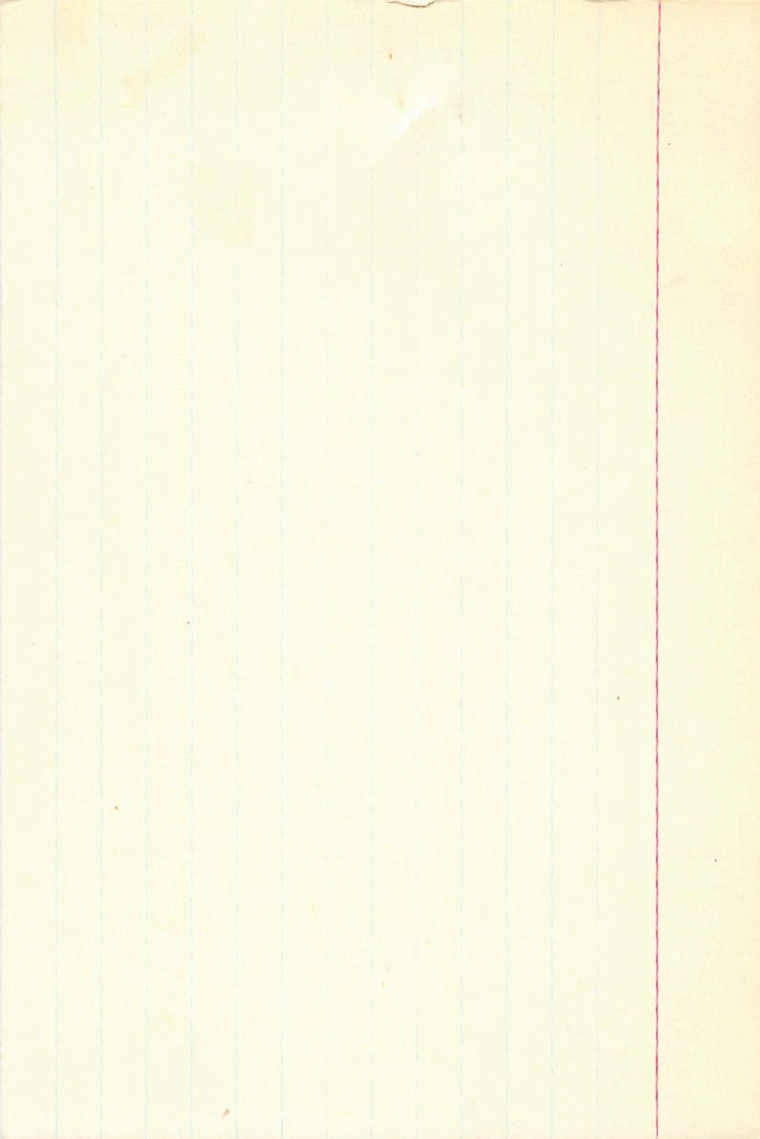
11

R.A. : 18.450
DEC. : 4.000
PM. R.A. : 2.000
PM. DEC. : -8.000
DISTANCE : 8.100
MODULUS : 417
RAD. VEL. : -20.000

q1 (U) : 0.169
q2 (U) : 0.542
q3 (U) : -0.823
dU : -18.964
U : 8.555

q1 (V) : 0.436
q2 (V) : 0.708
q3 (V) : 0.556
dV : -22.703
V : -20.581

q1 (W) : -0.884
q2 (W) : 0.453
q3 (W) : 0.117
dW : -25.541
W : -12.987



AC Her $-012 +001$ 4
 $+1 -4$ 15 28.2 $+21$ 50

$-011 -003$

$-009 +001$

-006

$+21.3459$

$+0004 -0006$

$-0003 +001$

AG Her

$+6$ 0

-004

$-001 +001$

Herber

-000 00

John

Ac
50.5 + 14.2

60.0 + 18.1
23.1 22.3
52.3 14.5
53.4 + 10.2

7.3
12

9.038 64.53 52.84
-7
101
52.94
-137
52.94

9.038 320
108
039
044
53.24 34.5
-15
52.09
-29
52.94

~~1000 1010~~

1000 - 000
1004 - 006

-8002 - 010
-11

12

15.500
21.850
4.000
-6.000
18.000
1000
-31.000

-615

0.180
0.760
-0.615
-10.557
0.410

-16

+14

+751

0.430
0.501
0.751
-0.686

-35

-29.974

-25

+240 ~~12~~

-0.885
0.405
0.240
-26.948

-56

-34.365

-25

18.500
21.850
- 1.000
1.000
10.000
1000
- 31.000

0.180
0.760
- 0.615
2.845
21.912

0.430
0.581
0.751
0.484
- 22.894

- 0.885
0.400
0.240
5.787
- 1.638

12



18.500
21.250
16.500
20.000
10.000
31.000

01.000
03.000
05.000
07.000
09.000

