

+34°50'13

23
23

42.1
44.5

46.95/1.8

+34 52
+35 8

+35 23.69

867

E-B. Loc. +2276 = 086

1306
+253

1306
+253

1306
+253

1306
+253

+0.276 - 0.086

12.8
166W

12.8

9.6 K8 +7.7

-14.3

832
794
56

-228 -90 2.15

867.000*

23.000*

46.900*

35.000*

24.000*

-0.278*

-0.090*

2.150*

26.915

-14.300

-1.317

0.294

-39.656

0.424

0.853

-0.780

-0.058

-0.431

4.590

+60°40462

23

46.0

+59

8

869

23

50 41.0

+59

39.72

MC-AC +.044 +.043

10.71 K8 +8.1

*
 $+11^\circ 17' 10'' - 70$ 23 46.2 +11 19 870
 $+11^\circ 17' 10'' - 71$ 23 51 2.6 +11 50.72

Abb, $d = 5.9, \Delta m = 1.0 \text{ mag.}$

Vergleichen

McC-AC $+0.036 \sim .108$
 $+0.031 \sim .104$

10.5 MO + 7.7

734° 504 -4° 6001 23 52.8 -4 52 871

23 57 40.1 -4 20.26

E.B. Lex. +.1 McC-AC -.136 +.030

11.1 MO+9.1

867

+340500

23 46.9 +35 24

9.36 +1.14 +1.06 ②

+0.42 ③

-14.3



- 23 49.7 -17 20 349

23 54 35.2 -16 48.27

Luyken +.37 +.28

10.7 MO +9.1

X According to Luyken, a 1st map-comp.
at 31" share, the motion of this star.

+13.5195 23 53.8 +13.09 215

~~56.3~~
23 58.7394

$\Delta m = 0.5$

17.11

1.29

MS

9.940 + 8.3

MC-HL 1008 + 160

-4

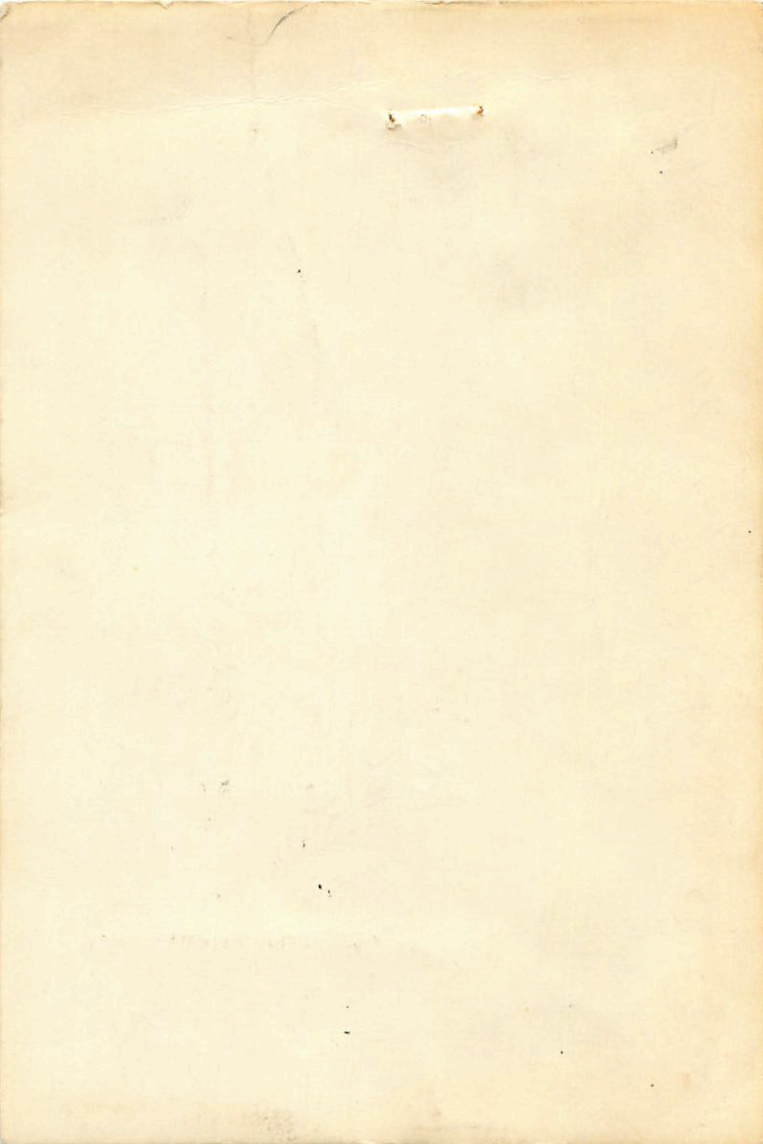
0 + 1.29

11.5 + 0.04

0

10.20 + 0.04

9.25
4.35





215.000*

23.000*

58.700*

13.000*

41.000*

0.000*

0.160*

1.850*

23.442

-4.000

0.378

0.175

4481

22 42.9 410 56

+1004812

AD516222

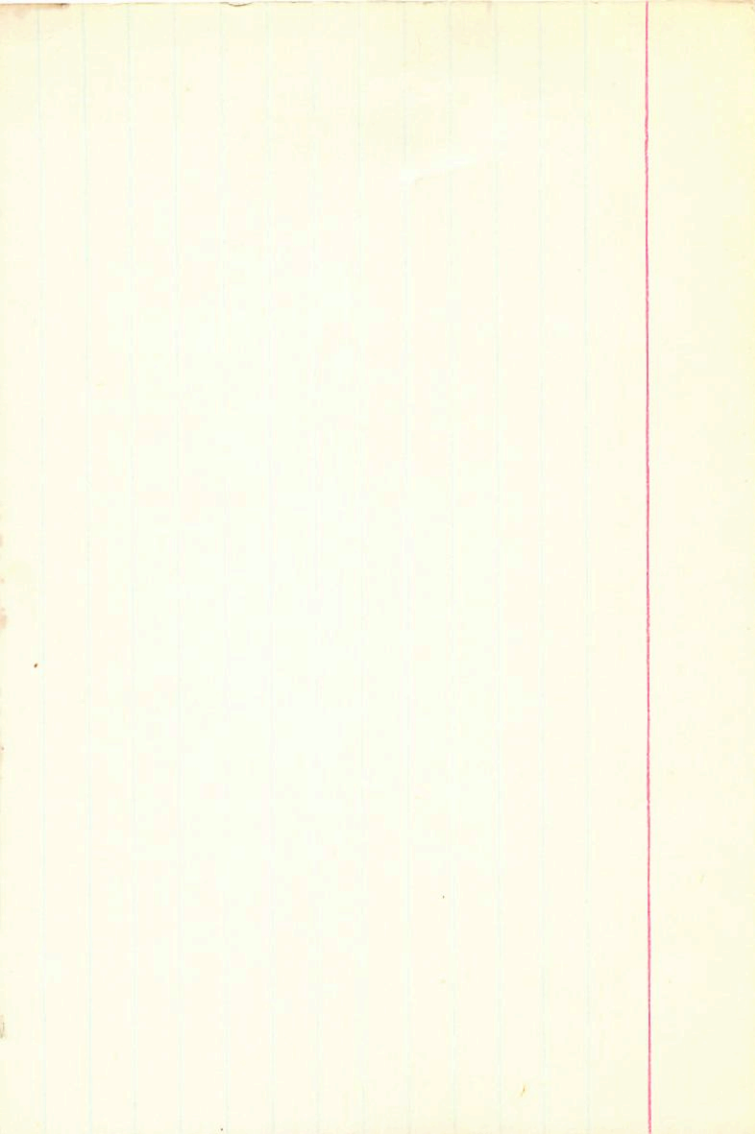
1.7 B_n = 2ⁿ

9.82 ✓ +1.13 +1.00 ②

+0.510

|

+4.0



+64° 8208 22 35.7 +64 9 846

22 39 0.4 +64 38.82

↑ 2nd

70 .406

W

Green. Crab. +.384 +.145

380 139

292 142

9963 8944

-6859 4472

4052

-0407

8.2

11.4: M -

+0".019

0424

1.85

6-128-3

22 45.5 ✓ 731.36

1P34444

207 174

9555	943	500
-2960	3290	015 ✓
		4135 ✓
		0545 ✓
		131

WP 289-1

22 48.2 +34 35

G-189-38

71.3 0.889

842 288

9632

0.4422

-2184

.3346

$\left. \begin{array}{l} 889 \\ -013 \\ -025 \\ .0962 \\ 009 \end{array} \right\}$

NO

+22° 47' 25"

22
22

45.0
47.3

+22 39
+22 54

22 49' 6.35"

+23 9.26

P53

M.C-AC +.116 - .144

866

931

705

9.7 K8 +7.6

$$\left[\begin{array}{l} +0.116 - 0.144 \\ 1.9 \end{array} \right] - 4.2 = -3.7106W$$



1900
1901
1902
1903
1904
1905
1906
1907
1908
1909
1910

853.000*

22.000*

49.600*

23.000*

9.000*

0.116*

-0.144*

1.900*

23.988

-4.200

22 49.6 +23 09

853

12204725

9.78 +120 +114 8C.9

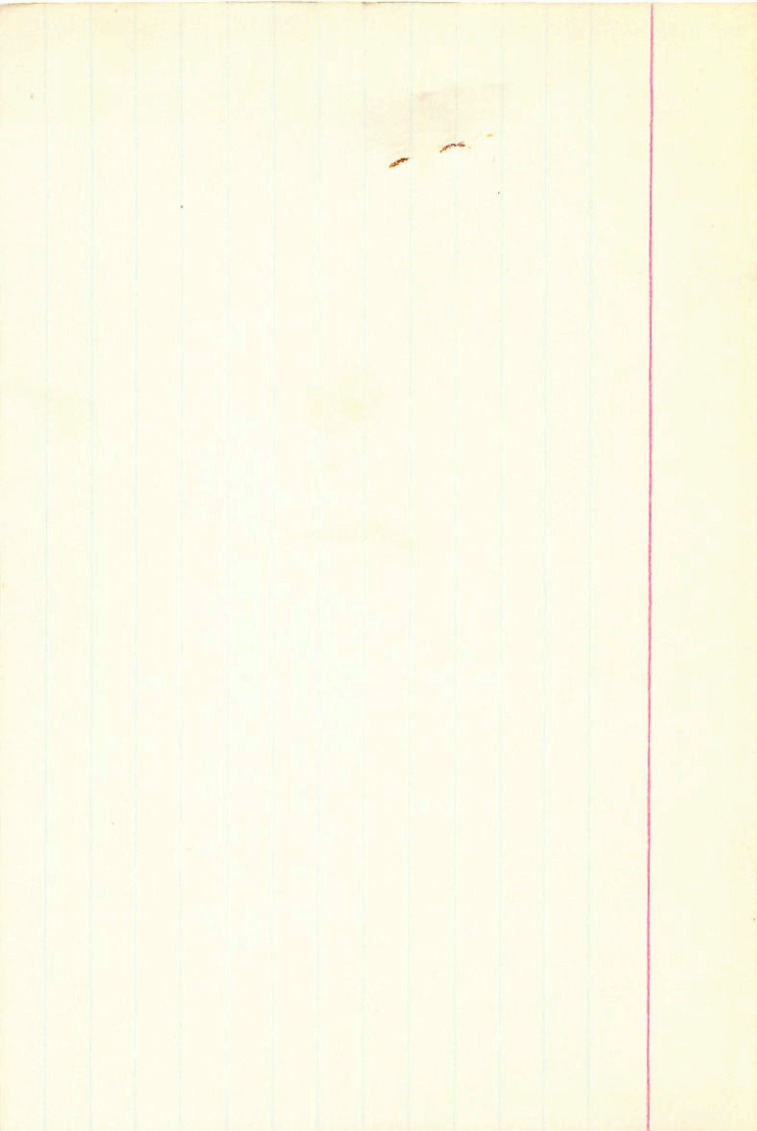
(2)

203

145.04 +0.44

1

~42



W167-14

2284 - 60 18 + 65:

0001 0407

674 ~~4158~~

~~4158~~

-1037

-927

0.4

+68

R.A. : 23.900
DEC. : -60.300
PM. R.A. : N-1037.00
PM. DEC. : -237.000
DISTANCE : -0.400
MODULUS : 8
RAD. VEL. : 68.000

p1 (U) : 0.850
p2 (U) : 0.880
p3 (U) : -0.211
pU : N-2432.04
U : -25.011

p1 (V) : -0.222
p2 (V) : 0.890
p3 (V) : -0.342
pV : N-3501.25
V : -20.384

p1 (W) : -0.457
p2 (W) : -0.448
p3 (W) : -0.792
pW : 3008.254
W : -28.379

R.A. : 22.900
DEC. : -60.300
PM. R.A. : % -1037.000
PM. DEC. : -927.000
DISTANCE : -0.400
MODULUS : 8
RAD. VEL. : 68.000

q1 (U) : 0.856
q2 (U) : 0.080
q3 (U) : -0.511
dU : % -2436.04
U : -55.011

q1 (V) : -0.292
q2 (V) : 0.890
q3 (V) : -0.349
dV : % -3201.59
V : -50.384

q1 (W) : -0.427
q2 (W) : -0.448
q3 (W) : -0.785
dW : 3008.954
W : -28.379

+27° 44' 45" 22 50.1 +27 14 855
22 54 38.7 +27 44.47

Pos 239 +.22 0.00

9" $\Delta m = 3.6$

NOR 12

10.0 MP +7.9

RM 28112 23 106 -50 W

0100 202^p

217580

27 542 - 0407

- 450

404

7.5 x 0.04

001 1850

0714
0203
020545

204
~ 405
- 2722

- 433 / F56

1841

15.256

144

0.221

54.23 005
0224

1349

4379

12.907

15.735

68.11

5728

520

723

71.54

5724

204-205

15.911

5075

204-206

701

5725

1416

418-213

416

203

- 440

197

400

584

1615

33.000 : R.A.
 -4.100 : DEC.
 419.000 : PM. R.A.
 -213.000 : PM. DEC.
 1.100 : DISTANCE
 17 : MODULUS
 -44.000 : RAD. VEL.

0.820 : p1 (U)
 0.471 : p2 (U)
 -0.125 : p3 (U)
 1329.042 : pb
 28.992 : U

-0.307 : p1 (V)
 0.782 : p2 (V)
 0.238 : p3 (V)
 N-1401.883 : vb
 -49.923 : v

-0.407 : p1 (W)
 0.403 : p2 (W)
 -0.820 : p3 (W)
 N-1511.227 : wb
 12.957 : W

R.A. : 23.000
DEC. : -4.100
PM. R.A. : 419.000
PM. DEC. : -213.000
DISTANCE : 1.100
MODULUS : 17
RAD. VEL. : -44.000

0909
q1 (U) : *1.84* 0.860
q2 (U) : 0.471
q3 (U) : -0.195
dU : 1229.045
U : 28.992

88.6
q1 (V) : -0.307
q2 (V) : 0.785
q3 (V) : 0.538
dV : %-1401.683
V : -46.923

57.9
q1 (W) : -0.407
q2 (W) : 0.403
q3 (W) : -0.820
dW : %-1211.757
W : *6.5* 15.977

15° 173-20 22 55.2 +4 53 856

23 0 0.8 +5 23.66

McC-AC +.078 -.075

11.3 MO +9.4

+63°32399

23

0.2

+63

8

858

23

4 0.5

+63

38.82

MCC-AC +.164 -.059

10.87 MO +9.1

+34° 50' 45"

23

53.5

+34 57

872

23

58 20.3

+35 28.74

F.B. Lox. +.143 -0.067

10.4

K8

+7.3