W Lyr 18 13.2 +36 39 7.2 g M4e eu-183 -174d

E=+10

+123°

6.85 +97

6.65 90
117

6.37
117
51
3

9.6

XY Plane

Z 3 5 +63 4 3 6 4 8 1

0000 +101 0 1 0

Z +5 9006

0000

XY Plane 6 0 0 6 0 4 H

8 5 1 4 5 1 5 3 0 -7 4 +13-12-2-1 4 0 +2 7 1 5 ?

Z = 0 + 5

Symmetry 131

XY -68.4 +19.3

171301	55.0	+17.1	5.48	-0.11	-0.38	+02	5.50
171750	63.0	+15.0	6.11	-0.13	-0.57	+05	6.85

-15.6

S² 1yr
HR 7139 19 52.8 +36 50 Cluster

4.30 +1.47 1.45 ~~+1.30~~
2.50 +1.30

cluster

+0.05

S² 1yr	4.15 +1.60 +1.55	-5.45	+13	-27	+7	-9	-26.2	P	
HR 7139	2.80 +1.28	7.5				+5	M7 II	+15.3	

VMon 8.25
5.55 +1.69

NO

-70

VMon 6 20.2 -2 10 6.0-13.7 Kin

3347

V	R	R-I	Ω kΩ	244000
8.00	6.12	+1.86	0.455	208.9
7.31	5.65	+1.72	0.49 —	220.8
7.27	5.53	+1.64	0.535 —	236.7
7.40	5.58	+1.68	055 —	241.7
8.02	5.92	+1.87	061	260.6
7.98	5.90	+1.87	0.615	262.6
8.14	5.93	+1.93	0.63	267.6
7.86	5.64	+1.87	1.655	610.8
8.83	6.33	+2.08	174	638.7

(over)

492
265
287 849

May
5.50 +1.68
R R-I
E = +10
5.80 R_0
1.60 $(R-I)_0$
3.70
477
8.47 m-M 8.45

+30Ω
-0.002 } Poor
-0.035 }

+0.1 -0.07 MC

-16 -72 -45

460pm

Carlsbt

243	9553.6	6.99	1.3483	
	61.5	6.74	1.37	89
	64.6	6.77	1.41	90
	68.5	6.79	1.42	91

1.14	84	0850-	45204 25750-	1695th 84
90-	224	14771	45494 41834	4444-8464-3
0444	184	45845 n	40224 40234	848 448 n22-

+0004 ±10.3 -010±67
-0007

Vagh 14 23.9 -12 19 Ne -324a

MBR2
22115
9461

+007 -015

56.583 1910.8 -12 16 54.98 -0.009 -0.006 GC+
-022 19106
561
543

+69
54.29

33.057 032
23.432
56.489
30
519
10
529

29.28 193349
26.70
5.98
5.40
1 58
54.+12
546

-913.407 - 2n 977 -009 -005 -37.4 002 +8 -035

-008 002 004 -001 -033 028 +36.5 +15 +33 005

~~+7 +39 -1~~

+4 +41 -5

+7 +41 +4 004

+35 -15 -15

C = -.055, +.21 1982.49 Lampl

+4 +43 -5 003

+36 -20 -12

.12 1.00

1905.0

P_0 = 6.25

P_{2sim} = 4.44

-1 +47 -11 002

+36 -27 -11

ΔM_δ = +0.005

ΔM_α = -.016

Z Oph 17 17.0 +01 34 345 d

NO

Z Oph 9.8 – –
6.45 +0.63 +21.0

V 520 Oph 17 21 00 -24 11.5 10-11.5 100

Swope HA 90 No. 8 1939

18 Aug

20 Sept

3 Oct

19 Aug

6 Sept

17

29 Sept

3 Oct

15 7416 17 22 24 -24 51 7.7 4 B9

15 5918 17 18 22 -75 19 7.5 60

2 NBV 2 R

10-4-12 KO

NR Ara 17 54 17 -46 46.5

R Ori Y 56.3 +8 03 +36.0

+0016 −013 Tabuni
− − +2
+0014 −011
+020

223.7	10.A	8.70	+1.07
236.7	9.83	8.40	+1.00
241.7	9.71	8.45	+0.95
262.6	9.40	8.51	+1.03
267.6	9.64	8.34	+0.96
6754	9.05	7.73	+1.00

7.50 +0.95
38
7.12
1 2 2
5 0
5 5 4.50

+180	+360	+916	+0171	−0188	−0017	+31	+33.0
−544	+776	−148	−0568	−0405	−0973		−6.8
+780	+515	−256	+0734	−0268	+0471		−17.0

246340

GP Ori 05 01 06 +15 17 12.3 -13.3

IU Ori S 05 33 06 -05 42.5 9.6 - 11.1 12.1 ☆

Blue

HD31747 ✓ ✓ 4 57 06 +14 30 8.0 Rq

HD31373 ✓ 4 54 08 +15 00 (5.66) -0.04 - 0.46 Crawford (1)

JS705 [illegible] +28

RR Mon 7 15.0 for 11 S72

2440

2376	10.83	8.34	+2.35
262.7	9.07	7.16	+1.74
303.6	8.51	6.59	+1.52
323.6	9.41	7.11	+1.73
331.6	9.64	7.28	+1.83

X No

+0020±11.3 -066 ±11.3 6-190 333
+0005 -006
+30c
V mm
44639
8213
-0001 -034 Tabmin
-006
12466 14077 -2 10 9.98 1606.9
-085 -014 2.84
,381 7.14
-0003
-0045
-003-030
56.814 24.99 1535.61
15.568 11.38
12.3 82 3 385 1 382 007 382 31.7
0627
-130 92 746 7789 389 32.0
7.63 7.34 7.29 .32
42.146 30228 12.374 0 -3/371
50.54 1721 780 -22 45/.763 1442.26

-002 -035 +30

800m

-143	58	846	+0014	-0851	-0837	-16.4	+25.4
-452	327	-517	+0043	-1206	-1163	-736	-15.5
881	456	-128	-0084	-0756	-0870	-458	-3.8

M2Iab

δ Ori 5 52.5 +07 24 0.4-13 Mi

HR2061 2070d

Ori IOOI

ε=+05

δ Ori	0.25	+1.85	+2.07	-7.5	+21	-11	+15	+26	+21.6	?
HR2061	-1.0	+0.97		5.8	+1	-2	+13	+10	M2Iab	-9°

Bk Oil 5 52.5 +7 24

P = +21.0

+0017 +010 ⌐B

+0026 +010 →

140

-038 365 920	-0047 +0173	+01260	+2.4	+19.5	= +21.9
-506 794 -332	-0623 +0376	-0247	-4.7	-7.0	= -11.7
760 484 -154	+1060 +0229	+1289	+24.5	-3.2	+21.3

R Cyb

		R	R-I	IO
0.91	7.36	5.45	+1.47	334.8
1.03	7.64	5.55	+1.54	367.5
1.99	7.92	6.07	+1.59	65.7
2.09	8.50			

βPeg 23 01.3 +27 49

Johnson

HD217906

HR8775

② Eyes — 2.385 +1.66 +1.96 1.30 +1.03

2.15 1.20 1.56

E=+02

βPeg 2.7 +1.69 +1.96 -3.15 +62 +6 +4 +186 +8.7 ?

HR8775 1.3 +1.03 3.7 +111 -3 +15 +142 M2II-III -29°

RPic Blue

8.88 +1.70 +1.82 6 Nov 69
8.88 +1.66 +1.74 17 "
8.73 +1.68 +1.80 21 "
8.68 +1.66 +1.78 23rd "
7.93 +1.65 +1.76 3 Dec "
6.82 +1.58 +1.33 15 "
6.45 +1.55 +1.18 27 "
6.41 +1.49 +1.10 30 "
6.36 +1.50 +1.03 4 Jan 70
6.57 +1.72 +1.39 31 Jan "
6.68 +1.83 +1.57 9 Feb "
7.21 +1.90 +1.85 25 "
7.89 +1.91 +1.94 10 Mar "
7.99 +1.93 +1.88 11 Mar 70
9.37 +1.89 +1.66 3 Apr "
9.49 +1.88 +1.635 6 "
9.64 +1.84 +1.505 11 "
10.00 +1.89 +1.355 28 Apr "

892 RTOSC

+270 & 4W

7307 1 11.1 +26 52 8.7 GMS

W 707

	u	v	w		
	du	dv	dw		
890 psec					
9.75	42	-30	-116		
	-8	-7	-14	100 m.	
		Lone cosm			

6.6 +15.6 -0010 -0030

-007 -036 Rely

-1 -3

-008 -039

0 +2

-008 -037

4.5

+811 +282 +513 | -0615 -0414 | -1029

-579 +514 +432 | +0439 -0755 | -0316

+085 +810 -580 | -0064 -1190 | -1254

+13.8

+17.0

-15.7

No

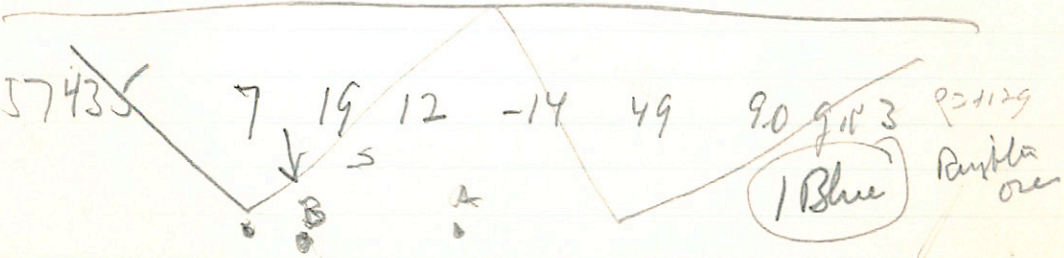
TX Psc 23 43 § +03 12.5 4.9-7.7

HR 9004

B+M

IKq Pup 7 32 25 −14 22.5 4.5

60448 7 32 31 −15 25 8.6 BG
60325 7 32 01 −14 17 4.24 BS
60350 7 32 19 −14 23 9.2 BG



U Pyx

δ 20 38 $^{h\ m\ s}$

-30 13

IV

RO

Rx Ret 3 47 25 -66 47 9.1-11.3

2585 L 540 +45 09 A2E

50923
9113

4.60 +03 +06 Eq —

011 163 1.101 2.879 (3) SRC

-65 Rent
-911
-8:

-7.6 unpaid

60 166 1059
165
330
1.009
1339
1360

1.427
13'4
a=023
r=075

2.871 56
2.875

1.69
+0.4
4.5

-0014 -0018
-0017 -004
-016

-021 -001

4.45

+0.75
4.15

46
332
1059
1431

2585.000*	2585.000*
6.000*	6.000*
54.000*	54.000*
45.000*	45.000*
9.000*	9.000*
-0.018*	-0.021*
-0.004*	-0.001*
4.150*	4.450*
79.4 67.609	77.625
-7.600	-8.000
0.028	0.028
0.930	0.930
-5 -5.199	-5.273
0.015	0.033
0.138	0.138
0 -0.067	1.449
-0.082	-0.090
0.340	0.340
-9 -8.102	-9.692

2659 ~~7~~ 023 +22 43 B9.5 ~~E~~

-008 140 1.038 2.831
188 1.040
276
1316

-0005 -016 W30
-0004 -005 FIRY
-11:
-0055
-005-014

+0.15

575

```
2659.000*

   7.000*
   2.300*
  22.000*
  43.000*
  -0.005*
  -0.014*
   5.750*
 141.254
-11.000

  -0.001
   0.946

 -10.604

  -0.052
  -0.235

  -4.722

  -0.048
   0.225

  -9.237
```

$\Delta m = 1^m\ 2.5$

2674 7 02.5 −54 06 B9

5.48 −12

Sing

513

5.54 −70 124 2746 @5.4

+4.8 (C) 103 527
206
733

+0022 ±6.7
−0021

+004 ±4.9
+004

29.356 1401.0

−108

.248

10.56 1456.2

−21

10.77

29.193

−24

.167

−081

10.62 1839.26

+ 2

10.60

+.17

2714.000*

7.000*
9.300*
0.000*
-25.000*
-0.003*
0.006*
5.100*
104.713
15.000

0.019
0.810

14.085

0.026
-0.582

-6.025

0.001
0.075

1.183

2716 7 09 5 -20 48 A0

-011 127 1.072 2.942 Stahn

124 1.044

248

Vahl 129 m_v = 10.35

v_o 5.7:

535

2751.000*

7.000*
14.700*
49.000*
34.000*
-0.003*
0.011*
5.850*
147.911
-11.700

-0.011
0.890

-12.005

0.053
0.188

5.637

-0.001
0.415

-4.989

-0018 ± 56

52.356 | 5011

-0006

18

.484

-020 ± 4.6

-035

50.98 1898.4

1.03

52.01

-0013 -028

52.443

+005

52.438

-046

49.89 19776

+03

49.92

-209

Observer:

ST		TIME
	2757.000*	
	7.000*	
	14.900*	
	31.000*	
	3.000*	
	-0.013*	
	-0.025*	
	6.550*	
214	204.174	
	29.000	
	0.021	
	0.939	
	31.581	
	-0.091	
	-0.117	
	-22.067	
	-0.095	
	0.323	
	-10.017	

Comments:

2762 7 13.2 -48 16 B8

56456 A0² 4.76-09-24

9635

-040 121 772 2.765 U2

109 780

2.18

998

$M_V = -0.4$

V0 4.7

5.1

Vaullef

2784.000*

7.000*
18.800*
55.000*
22.000*
-0.004*
-0.029*
5.750*
141.254
5.200

0.059
0.852

12.818

-0.119
0.277

-15.366

-0.040
0.444

-3.288

2019 ج ١٤٤١ هـ

الموضوع

المرسل

(٢) ٢٨٤٠٢٧٤ - ٨٤٤٥

١٤١

١٥١ ٥٢٣

٢٠٢٠

28.5 > 19.4 -52 00 BG

Varied

5.40 -24 105 814 2.781 2

814
196
1015

2 4 7 8 2

7 2 2 2 - 2 2 4 5 8 8

ו"ב (2)

ל.ת.ר - 22 ס"מ 110 ס"מ 730 ס"מ 2457

ס"מ 430

ס"מ 291

ס"מ 304

(1 שקל)

2824 7 22.2 -35 45 B8

147

6.34 -45 101 356 2.712

86 406

172

578

No Value

317 1 03.6 −10 07 A I E

4580

5.57 00 (0)

1 44 1105 316

+0.2

−004 015-9 1104 2.872

5.35

326 1 05.5 +58 00 B8 V

6676

5.79

025 089 731 2.742

75 097 726

194

920

E(1-y) +0.07

$V_0 = 5.5$

$A_V = -0.7$

6.2

-4:Yar

+007 -002 GC

+007 -0005 FRY

+008 -005

326.000*

1.000*
5.500*
58.000*
0.000*
0.008*
-0.005*
6.200*
173.780
-4.000

0.031
0.575

3.124

-0.024
0.815

-7.439

-0.021
-0.079

-3.361

5Pk
338 1 062 -55 31 B7 ♎

6882
1387 -039 +118 +559 2.748 3.15
116 2#2 5 7 9 2.817
7 9 063
(57
+ 941

4-4.5 eclipsing d 1.67 2Sp

+1806

+0010
.0006

3.54
-04
-42
C

-0.3

-6 +24
+0018 +028 N30

+00174 +0305
+0020 -0042
+0101

+012 +026

7m 0.8
76" } cpm

E = +05
V_0 3.82 4.4
B-V_0 -1.4
R-R_0 -45
M_V = -6.0

```
338.000*

  1.000*
  6.300*
-55.000*
-31.000*
  0.012*
  0.026*
  4.400*
 75.858
 18.000

  0.112
 -0.221

  4.517

  0.054
 -0.419

 -3.423

 -0.054
 -0.881

-19.947
```

338 5Phe 1 06.3 −55 31 B7 K

3 54 −10

helper
Heb limit

−139 118 559 2.748

106 567

776

+15.4 orbit 5(1-y)=+02 r0 3x5

46

$M_1 = \frac{-0.35}{495}$

+012 +026 Fix+hm

-18.859

-0.881
-0.054

-1.145

-0.419
0.054

7.542

-0.221
0.112

15.400
97.724
4.950*
0.026*
0.012*
-31.000*
-55.000*
6.300*
1.000*

838.000*

3S-4 | 10.0 | +61 26 | BSE

7157

6.40

+023 122 644 2.752 Cu

129 639

258

897

-5.0

+034 -016 GC

+034-015 FRY

+034-019 flow

B(1-2) +0.08

V_0 = 6.05

+.3

5.75

m_V = +0.3

```
354.000*

  1.000*
 10.000*
 61.000*
 26.000*
  0.034*
 -0.019*
  5.750*
141.254
 -5.000

  0.136
  0.581

 16.291

 -0.099
  0.814

-18.012

 -0.077
 -0.019

-10.735
```

302 | 41.5 456 50 A#5

10587

6.1

173 ±1.5

020 163 1187 2862 62

±2.5

167 1134

±0315 167

±0015 000

±0015 ±002

±012-002

346
1120
76
14

±0.15
5.90

	502.000*
	1.000*
	41.500*
	56.000*
	50.000*
	0.012*
	-0.002*
	5.900*
	151.356
	2.500
	0.044
	0.642
	8.290
	-0.037
	0.761
	-3.699
0.116	
-0.088	
0.002	

Con-duct

Con-duct

Con-duct

Con-duct

I38 | 49.6 +51 14 A2U

11335

72 172 61:

024 164 1141 - 2.876 G2 (+1.5)

041 460 1142

+12:

3 4 4
11 4 1
4 4

+0.15
6.5
5.4

Apple 5.11-05-14 C 78 -120 -062 -054

558 1 523 -42 45 A0

14 5.10

-028 127 977 2.837 Stocks

119 943

238

1221

$\Sigma(1-7)=00$

a -051

~ 072

+12 +12.0 ar

-0034 -0276 AR4

-037"

-035 -032 Fire Hose

m_V V_0 +035 5.10 4.75

5/5/9

558.000*

1.000*
52.300*
-42.000*
-45.000*
-0.035*
-0.032*
4.750*
89.125
12.000

-0.225
0.017

-19.830

-0.001
-0.342

-4.234

-0.003
-0.940

-11.585

561 | 55.0 +61 26 B5 III

118-57

6.01 +004 091 0.559 (3) 2723

093 0.557

(7 5)

$M_V = -0.25$

E(1-y) = +0.070

+53 +50

$m_V = -0.9$

$V_0 = 5.7$

6.6

+016 -003 GC

$.013^5 - .002^5$ FRY

+015 -007 thin

561.000*

1.000*
55.000*
61.000*
26.000*
0.015*
-0.007*
6.600*
208.930
5.300

0.058
0.653

15.662

-0.050
0.757

-6.531

-0.014
-0.003

-2.978

555

(נכון)

2 0.0 +22 20 22 +0.0 5.5U +88 0

0.0

+33

-0120 -0120 -0120

± 0.05 17

372

(-0.5)

40.45

-0115 -0114

599.000*

2.000*
0.000*
33.000*
3.000*
-0.015*
-0.014*
5.050*
102.329
3.300

-0.060
0.678

-3.939

0.011
0.575

3.036

-0.075
-0.458

-9.231

0.007 .18 .157 -.104
N -.21
+.016

C5f 2 13.0 -9 42 A0

4.56 -.115

NOval

.007 .125 1.113 2.758
.127 1.112
.254 (1) .157
.366 (2) .007

+0014
+00.4

q Eri 2 14.7 −51 45 B8 IV

674

14228 3.56 −0.12 −0.39 C

2821
2.761
0.60

+10.26

~~−046 + 054 +640 2.761 6.5~~

658

138
−046 102 631 2.761
88 640

828

00509
+01019 +0539 F1V5 E(B−V) +0010 176
1529 −0237 816

$\bar{B} = +02$
$V_0 = 3.50$ (3.54)

$m_V = -0.1$
$V_0 = 3.5$
3.6

$m_V = -0.4$

0030
+0945

+0948 +1050

```
674.000*

  2.000*
 14.700*
-51.000*
-45.000*
  0.098*
  0.050*
  3.550*
 51.286
 10.200

  0.492
 -0.046

 24.743

 -0.162
 -0.485

-13.255

  0.064
 -0.873

 -5.605
```

52.8

2010 בספטמבר 8 - יום רביעי

שלום רב,

הנדון: הזמנת ספרים

אנו מבקשים להזמין את הספרים הבאים:

1. ספר הילדים "הדג הקטן והגדול" – 3 עותקים
2. ספר הילדים "הדג הקטן והגדול" – 3 עותקים

בברכה,

דוד כהן

2259 L 16.0 +9 05 RO -14C

43821

6.24 +0.87 +0.52C OC

2243	6	13.1	- 18	28	140	—
43424						
		5.44 + 1.06				BL