316P 407 384 792 -470 Way 630 +1.8 +140 (70)

124850 14 13.4 -5 46 -2 F7 ~~[illegible]~~

HR5338

GU424 -00054-4320 FRY 4.09+51 +035 3.80 0.183

4.08+52 +02

4.08 +515 +025 c+5

99(v)Vir -0088 +14 +37 4283

-007-428

96 +11.5

(341 140 449) (3) SPC 2.6224 (4)

351 258 388

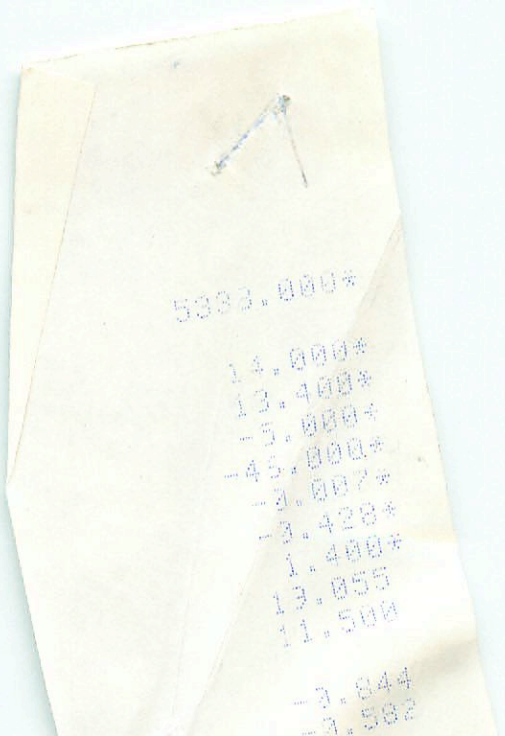
253 127 546

[m_1] 224 +24

[c_1] 380 +8 112 1.55 -24 -33 -13 -0006

-8 -14 -11 -429 +11.5

+2.7 (1.4)


5333.000*
14.000*
13.400*
-5.000*
-45.000*
-4.007*
-3.428*
1.400*
13.055
11.500
-3.844
-3.582

-0006 ± 80 -011 ± 5.2

124929 14 13.5 +06 19 { 7.9 A5 -12.78

5" { 100 d60 (-25c 5B/20)

19254

8345 50.556 1900.4 +6 18 43.92 1892.0

030
.586
50.540
27
567

+.64
44.56
44.71 1934.0
27
44.47

+59°,569 515 +957

125139 14 14.0 +58 59 -0021 +017 +2

76

9.40 361 185 316 Δ[n] Δ[C]

+26 +146

$n_v = +2.1$ -0024 +019 →

-018

3/6 panels.

↓

-688 +712 +136	+0587 +0641	+1225	+40.0	+1.2
+648 +520 +556	-0553 +0468	-0085	+2.3	+5.0
-325 -471 +820	+0277 -0424	-0147	+2.8	+7.4

-0106 ± 4.2 −110 ± 3.1

125040 14 14.2 +20 21 6.6 dF4 -8.46

19263

8350 13.266 1904.0 +20 21 14.52 C898.2

ADS9192 488

754

13.449

14

463

+5.70

20.22 1934.5

16.52

0

125193 14 14.4 +56 55′ 6.6 dG2 -2898

19267

8353 0000[23] -096[27] N30

ADS 9197 +0005 23.4 -103 ± 3.0

9^m 6^d $\Delta m = 2.73$

0.″01 dT

TV Boo   14 14.6   +42 36   -85 c Wt2)

ΔS = 8   10.48 +0.17   -44 (8)

11.30 +0.27

-024±5 -022±5

-554 -837 676 736 -024 -022 -85 -015 -57 -076

-013 -008 020 012 -115 057 +52 +35

-6 81 -62
-32 -41 -107
57 -15 -62

-66 +92 -133
+17 -173 -20

-80 +129 -142
+41 -202 -17

~~0009~~
001

0004

-7 114 -66
-34 -59 -167
70 -21 -66

125272 14 14.9 +58 18 8.0 DEG -22C

+58°14'9"

8357

-186 +115 Y

7164 +1 0

-185

451 249 407 2.597

957 5353 14 15.3 -07 19 N^2 -14.1(4) C_5

125184 +31 6.47 44 554 -322 +0180 -0.231 Gully

-14

+01707 -2352 C8I

[2168-231]

(541.1) 6.47 +72 (1.82) C8I

+01693 -2321

554 74

.93

2519 -2330

+0179 -230 N30

+0173 -237 N30 +

+0168 -247 GL

0 +3

-244

+0172 -235

+0173 -237

+2559 -14.1

[+257 -232] 2.09

.257 9486 7757 339

[253-227] 9998 7946 3535 -0536 -14

0172 -62000 -0151 0.24

405 408 407 179218

125406 14 16.0 +48 14 F5

HR5363 6.2 -35 41 GC+

GL19297 -00135 -0485 ±5.5

-00170 -0444

+12 +30 ±30

+18 -017 -014 -041 -17.16

1310 157.533 @ SPC 2.651

213 +18 4.0 817

471 129

+147

12.2 57.5ps. -6.0 -17.8 -16.0 -0015 = -015

-106 -177 -42 -045 -17.1

9363.000*

14.000*
16.000*
43.000*
14.000*
-3.014*
-3.041+
4.000*
63.096
-17.100

-3.096
-3.001

-5.024

-3.162
3.451

-17.944

4.082
3.893

-13.102

4.05

34

HP5363

~~-012 -054~~

14 16.0 +48 14 6.15 -121 0

-0012 ± 6.3 -054 ± 46
-0014 -043

57.5M 57.412 1901.9
057
469

-005 -045
-015

56.72 1897.9
2.51
54 53

57.377
21
394
071

57.51 1952.68
-30
57.21
-2.32

-688	325	-002	+0489	-1546	-1057 -6.0 0	-6.0
645	617	447	-0466	-1316	-1777 -10.2 -7.6	-17.8
-325	-306	895	+0231	-0652	-0421 -2.4 -13.6	-16.0

−0031 ± 10.6 −016 ± 9.5 Sp. B. P =
−0048 −014
125335 14 16.2 +10 44 7.1 A3 −28.0 a

19301
8363

9.307 1901.6 +10 44 24.91 1898.8

150 82
457 25,73

9.290 25.29 1933.6
19 −15
309 575 25.14
288
9.241 25.41 1939.42
25 −169 −18
.266 25,23 1302
25.18 36.5
−.53 37.7

34.9

-0030 ± 2.2 -047 ± 1.9 9.0
-0034 -039 9.0

125377 14 16.4 +04 07 8.7 GC5 -44.96

19308

8369 21.771 1894.6 +4 7 20.14 1889.7

dmso 166 2.36
0.5 .937 22.50
ADS9215

21.760 -152 21.21 -16 1936.7
25 21.05
795

21.789 43.3 21.19 1939.1 158
787 21.12 37.9
-150 -1.38 38.2

18B00

12545/ 14 16.8 +13 14 5.3 dF1 -1.9a

19319

8373 +0072 48 -035 45 N30 -0.3 (20)

+0070±22 -031±1.9

18 Boo 14 16.8 351 +13 14 dF1 -1.9 a

HR 5365

5K +104 -037 GC

5.41 +0.38 -0.03 F2V +104 -035 a

5.41 +0.38 -0.04 N +104 -034 F

F5IV-V +104 -035

+00727 -0358 M_3 5D

+00737 -0373

1069 10.7

+109 -034

9791 -2033 9972 -037 1074 -0347

-562 -827 228 974 +104 -035 -1.9 -008 -0.4 -161

058 -004 -086 007 242 -426 -1.9 +1.6 +1.1 03

+11.3 15.9 -4.8 025

-16.2 +2.5 -10.4

+9.7 -13.1 -5.8

-13 +6 -9

04

+26 -9.7 -4.4

-[illegible] +4.7 -2.1

02

+13.7 -20.2 -8.4

574 -0032 ± 4.2 +004 ± 3.4
-0023 -011

125632 14 17.3 +55 06 6.6 A2 -3.2 6

-0030 -.026 000
-0027 -004

19333

8379 16.251 1898.5 +55 5 35.54 1895.0

165
16
.4

-22
3 2

+3.1
-5.0
-4.4

26.53
49855
16.388
377
6
383

-682 724 082
650 552 522
334 -410 848

+0840 = +3.4 -0.3 , 3
-0801 -3.3 -17 29.4 1926.4
-0410 -1.7 -2.75 4.50

34.50
53
35.03
-14
34.89

244

34.81
-.51

461

320
-096

40.9

16.272
1
273

35.08
-20
34.78

1944.60

11.829

16.289
16
305

34.98
21
34.77

1947.29 39.4

44.4

20 B00 −0101 ± 1.7 +052 ± 1.5

125560 14 17.4 −0102 +16 32 5.0 +052 gN3 −8.0 a

19334

9380 23.157 1898.8 +16 32 5.89 1896.4

517

674

,67

23.307

19

326

23.245

14

259

585

292

−382

37.6

−2.79

3.10

4.99 1933.4

−6 1040

4.93

5.57 1940.38

−10

5.47

5.20

+2.10

52

378

36.4

40.0

HR 5374 14 18.0 +30 39 Am +1.38

.011

6.30 +0.15 +0.10

125658 6.34 +0.15 +0.10 Am

-015 -007 ac

19345 -015 -007 N30

8384

-0012[19] -007[21] N30

-0013 ±3.7 -003 ±3.9 BC → N30

l	b	R	sin l	cos l	cos b sin	A	R cos l	X	Y	Z
15	764	90	259	358	966	934	32.2	+8	+31	+92

$-564-824 \quad 510\,860 \quad -015-007 \quad +1.3 \quad -004 \quad +1-02\bar{8}$

$-008 \quad -002 \quad +012 \quad +003 \quad -0\bar{5}2 \quad 0\bar{4}7 \quad +1 \quad -1 \quad 0 \quad 011$

$-4 \quad +3 \quad -1$

$\boxed{+3 \quad -5 \quad +3}$

GC19401 | Bu 51
G247BC

-0053 -.056

14 18.5 +08 54 -20.16

Δm = 00

BC 6.86 +0.43 -0.01 (4)
A 5.14 +0.01 -0.01 (2)
364

(new orbit)

Ayuden.

+16 ±14

+315 239 272 2,122 +4.10

ADS 9229 $\delta r_{0.23}$ 14 18.5 +48 44 −17.88

125796 0.0641

19347 −064 −014 H

8385

−066 ± 3.0 = 011 ± 3.0 Van Biesbroeck 1930

−058 ± 5.7 = 012 ± 3.2 B → 1938

−0072 022 ✓

−071 −022

7.41 +54 +045 2 20"

+56

+025

95
816
452
3.60

0646

6720 − 9991 | 0719

−7405 / −0478 | 0159

-548 -823 752 660 -064 -014 -128 -011 -13 -043

-036 -006 053 009 -213 223 -117 +10 +7 0141

-5 +23 -16

+13 -24 -7

W8387 14 18.7 -83 26 +4.6a

8 Oct

HD125 4882 474 -0530 -012 Gd →

HR 5339 .4266 x4 -0526 -011 N30

.1066

-0528 -011

-090

72.5

-676	-497	-543	+2888	+0260	+31.48	+22.8	-2.5
652	-060	-756	-2784	+0031	-27.53	-19.9	-3.5
-343	865	-365	+1464	-0453	+10.11	+7.3	-1.4

126009 14 20.0 L29 36 gm4

6.6 Var

-15.9 (2) MW 4.85 Var +1.40 1.75

-14.4 (8) DDO 4.47

-14.8 1.81 / 2.65 / 5.15 / 7.80

-0032 -023 Saturn

-0031 -0195 FKY

-040 4

-038 -016 thow

24 42225	6.56	+1.555	+1.84
26			5.85 +1.40
241	6.51	+1.595	+1.53
242			7.87 +1.85
245	6.47	+1.605	+1.47
248			4.85 +1.41
250	6.47	1.60	1.50
252	6.55	+1.59	+1.505
253	6.57	1.60	1.44
257	6.61	1.59	1.38
269	6.71	1.585	1.45
272	6.73	1.56	1.43

ADS 9237

0000 ±4.4 −135 ±4.7
+0010 −134

125906 14 20.0 −07 32 7.5 dF6 −34.88

1938 2

Dm=0.06

34

8397

59.627 1902.9 −7 32 21.19 1901.4

7.0 7.0 (6.7)

0 +6.56

+0007 −134 VH

14.63

40.313 +0104 −134 26.44 1926.94

19.295

+012 −130

59.608 52.15

35 19.14

(31.2)

643 124 +85 1801

6

649 662 18.29

+18

18.11

4824

27.948
31.7344
59.686
+15
−15

675 +035

5

36.53 1941.30 34.1
44.458
19.914
+14
−6

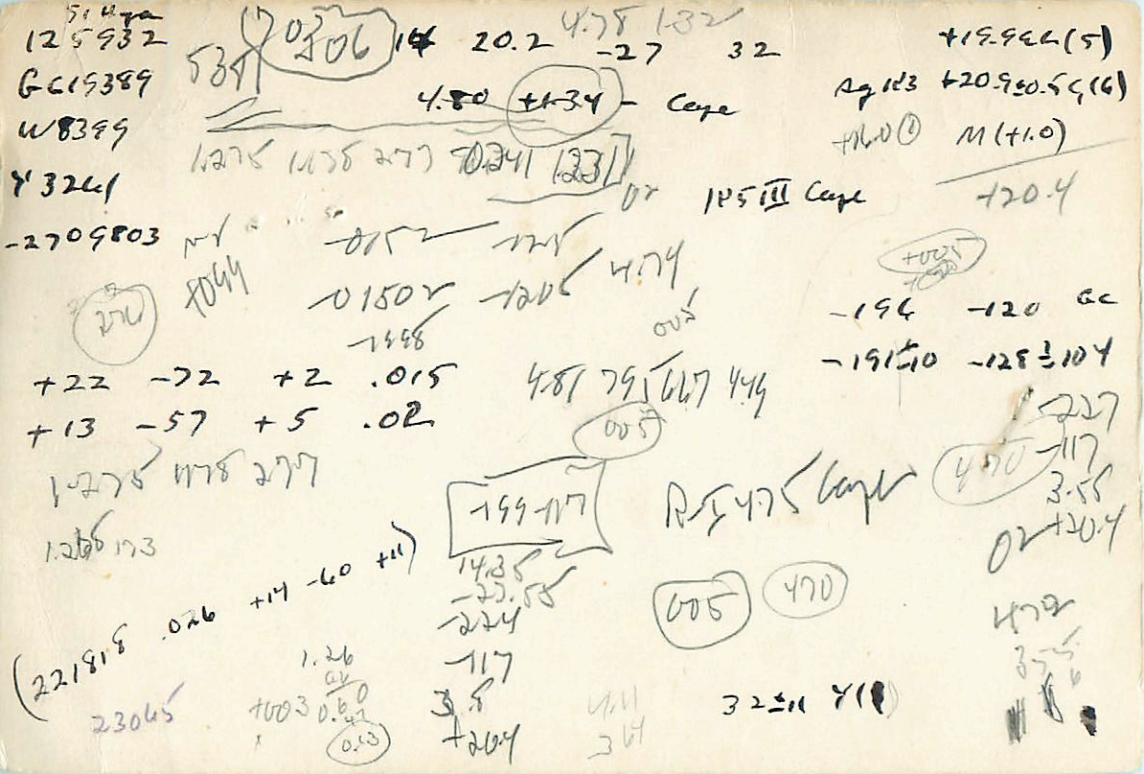
19.90

(32.7)

19.00

−4.37

1562140



-0147 ± 2.4 -120 ± 2.6 -128

-0158 -125 -124

-0150

12.514 1902.9 -0153 -27 31 31.89 1900.0

692

13,206

12.255 1602 3358 +6.00

-17 -24 25.89

238 3432 3894 1933.71

36

45.944

26.680 52.02

2.6 24 30.98

68 +92

692 30.06

2 674 33.6 -9

694 532 30.15

309

12.656 7046 30.59 1939.38 36.5

-2 -14

654 12.180 3437 30.73 36.5

4 -31

184 34.06 30.44

-4.55

-0.152 -126

-01502 -1215 -1206

-01332

-01342 -201-117 5hs

-2013

R.A. :
DEC. :
N. R.A. :
N. DEC. :
DISTANCE :
MODULUS :
O. VEL. :

q1 (U) :
q2 (U) :
q3 (U) :
dU :
U :

q1 (U) :
q2 (U) :
q3 (U) :
dU :
V :

q1 (W) :
q2 (W) :
q3 (W) :
dW :

```
      R.A. :     14.350
     DEC. :    -27.500
1. R.A. : -227.000
1. DEC. : -117.000
ISTANCE :     3.550
MODULUS :    51
D. VEL. :    20.400

q1 (U) :     -0.674
q2 (U) :      0.171
q3 (U) :     -0.719
    dU : 548.471
     U :    13.470

q1 (V) :      0.652
q2 (V) :      0.595
q3 (V) :     -0.470
    dV : -952.203
     V :    -58.427

q1 (W) :     -0.347
q2 (W) :      0.786
```

36

14 20.4 -52 57

1.1842 -0080 ± 78 -032 ± 8.3

5880

23.875 2.3 58.89 0.4

352 -0057 -019 1.59

757 57.30

23.871 20.05 58.33

10 -30

37 58.63

-00532 -0131

-0481

-049 -010

2 Lit
126035 14 20.7 -11 29 6.3 gG7 -1.28
19399
8402
-0007 5-0 -062 51 N30
-0010 ±1.5 -063 ±1.3

126201 14 21.5 +06 03 dGR −0.48 (w13)

GC19416 7.18 +0.99 +2.06 U-B Δ (w12)

w8410

−044±3	+015±4
−031±7	+014±7
−040	+015

+29 −1 −29 .02

$-580\ -8\bar{1}5\ \ 105\ 55\bar{5}\ -040\ +01\bar{5}\ -40.4\ 002\ -4\ 0\bar{7}1$

$-023\ 001\ 033\ -002\ -0\bar{5}9\ 16\bar{1}\ -40.2\ +33\ +23$

$+25\ +31\ -1$ 02

$+29\ -1\ -29$

-0030±3.3 +015±3.6
-0032 +012

126201	31.186	1901.8	+6	2	55.75	1901.9
Card II	145				−72	
	331				55.03	
31.						
31.207					55.81	1933.4
27					−24	
234					55.57	
31.189	221					
+19					55.26	1939.29
208	−110				+5	
					55.31	
					55.44	
					+.41	

34.1

1261
363

34.4

5392 1/8 21.7 +6 02 A3 5707 3

126248 -0541 +0034 W2 50

19428 0540 +0034 5.10 + 12 + 9 C +1.20

064 200 996 ② SPG 2.869 46

211 982 558

422 093=4 206

983 040=2 1.38

1405 B=023

1023

silent

-17 C

-5

-11

-005 +004 130

-080

+1.4

3.7

-0810

-079+011

893 -9726 0744

-4534 2326 +0077 0093

3.92 5.16

```
5592.000*

  14.000*
  21.700*
```

-28 C

22.0 -2 07

126223 14 23 00 -2 13 7.4

19438 (B) (P) 7.18+1.63+1.83 (2)

8419 t.07+0.885 (1)

569

457

2.4

-0024 -006 ±5 [illegible]

-0026 (2.4)

-0340

-034 000

-12.726

0.134

.860

2.083

356

126273.000*

14.000*
22.000*
-2.000*
-7.000*
-0.034*
0.000*
8.400*
478.630
-28.000

0.108
-0.579

68.014

-0.105
-0.167

-45.674

0.056
0.798

4.684

30

12628 14 22.0 -24 35 5.4 gG8 -22.1 a

19435

5417 -0041 ^{42} -017 ^{42} N30

-0042 ± 2.4 -021 ± 2.1 GL → N30

ADS9254 −0051±2.8 −036±2.0
−0050 −034

126251 14 22.0 −11 27 6.5 dF1 −35.8 6

19437

8418 4.48 6.51 +41 −0.03 1m 18"

6.48 +43 +0.02 C

Dm 1.5 59.3331898.6 −11 26 37.46 1894.1

262 +2.01

1.595 35.45

38.745 48.21 1827.03 67.38

20.675 44.42

59.420 837 37.87 337

462 418 (35.1) 36.78 36.78 (39.6)

468 177 36.58 −1.33

59.370 34.94 1840.35

369 36.98

125864

14 20.4 -52 57

14342✓

-0080 ± 78 -032 ± 8.3

5880

23.875 2.3

352

757

-0057 -019

58.89 0.4

1.59

57.30

23.371 70.05

58.33

-30

58.63

12

372✓

-00532 -0131

-0481

-049 -010

22.0 -2 07 -28 c

126223 14 23 00 -2 13 7 4 gm3

19438
8419

(B) (R)

7.18 + 1.63 + 1.83 (2)
6.07 + 0.865 (1)

-0024 -006 ±5 [illegible]
-0036

569
452
[illegible]
(34)

-0360
-034 000