891 .710 7 56.8 −34 49 +23.7 (4) C5

65721 Co2H4 +5.10 +075

30

7/1547 +5.40 7.94 +74 (1.80) 66 V

34 C(7) 5.95 +81

(5)

−330 +192 CR

7.95 453 248 268

448 243

−369 +180 CP

−350 +186

Cholesterol

−0289 200

−352 200

−434

200

2.84 [illegible]


7.950
-34.800
-426.000
186.000
2.200
28
23.700
-0.485
0.813
0.322
1520.749
49.527
-0.210
0.250
-0.945
568.175
-6.755
0.849
0.526
-0.049
-943.994
-27.173
47


7.950
R.A. : -34.800
DEC. : -434.000
M. R.A. : 200.000
M. DEC. : 2.540
ISTANCE : 32
MODULUS : 23.700
O. VEL. :
q1 (U) : -0.485
q2 (U) : 0.813
q3 (U) : 0.322
dU : 1589.796
U : 58.850
-0.210
0.250
-0.945
q1 (V) : 591.285
q2 (V) : -3.358
q3 (V) :
dV :
V :
0.849
0.526
(W) : -0.049
: 524
47

6587/ 8 00.8 +68 32 +4.3 (5)

+68.516 6234-21

6234-21

6317 4.43 8.16 357 142 3 14 2060 = (5)

-206 - 226

-523

-226

3.33
x4.3

314 246 241

G5407 7 56.9 -40 10 G2 V

HR 3138 0647 117

GL10804 3.54 +58 +03 520 117

(3) 1045

521 117 +(14.0) 5.60 . 340 109 331 / 2.61 84 2 117

104

560 377 153 327 (4) 085

+15.2

[M] 249 +125 560 350 150 340

359 153 314

[S] 243 -38 48" 9.38 1.35 1.09 -36 -226

C_0 373 +442

83

4.75

7.611 1.20 -13.1 -23.0 +37.8

-711 -624 +2369

R.A. :	7.950
DEC. :	-60.150
'M. R.A. :	1045.000
1. DEC. :	117.000
STANCE :	15.85000
DULUS :	15
. VEL. :	15.200
q1 (U) :	-0.485
q2 (U) :	0.873
q3 (U) :	-0.057
dU :	-711.469
U :	-11.385
q1 (V) :	-0.210
q2 (V) :	-0.179
q3 (V) :	-0.961
dV :	-616.662
V :	-23.731

65982 7 551 -43 10 +312 [2]

-42.3764

8.31 376 173 338 (1)

820 379 166 333 (2)

114

378 166

R_0 330 +4.53

12

-116 226 (Cambridge)

-126 226

-123

226

3.50

+312

G731-52 8 02.7 472 04 G2IV

66171
472346 186.5 (6)
8.17 391 154 291 (5) 36.6 (5)
369 196 26.3 (15)

M^2
P_6 305 45.00
24
45.24

-0506 -449 (Carllogy)

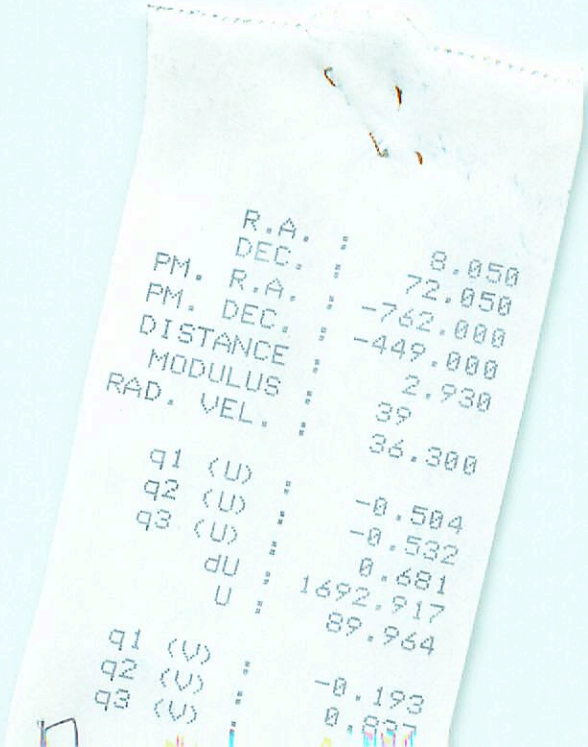
(235 -449)

-762
-449
2.43
136.3

W : -1,812

50

51


R.A. : 8.050
DEC. : 72.050
PM. R.A. : -762.000
PM. DEC. : -449.000
DISTANCE : 2.930
MODULUS : 39
RAD. VEL. : 36.300
q1 (U) : -0.504
q2 (U) : -0.532
q3 (U) : 0.681
dU : 1692.917
U : 89.964
q1 (V) :
q2 (V) : -0.193
q3 (V) : 0.837

45403 66509 +0073 ±12.2 -138 ±11.3

+0065 -143

ADS6554 10943 8 01.6 +12 26 7.9 d112 -11.8 8

112-1754 5357 7.78 804 3 56 849 (1)

40-54 36.540 1408.8 +12 26 1.58 1407.4 +102 -129 H

-301 5.88

8.7-8.7 36.239 30.1 7.76 C0 249

44 2.48 1940.1 240 + 4.12

10.5.1 36.421 810 4 052 15

27 435 3.26 6.47

+19 6 2.74 -4.50

36.377 3.25 1940.2

097 -146

3.147 45.18

33.252 41.01 1937.65

36.429 4.17 77.76

-4 38.9 31.5

3 18

422 3.78

962 -506 215 577 +102 -129 -11.5 6 -025 -3 -597

-085
+111 024 052 +014 -483 -260 -183 -11.5 +6 -10 0326

-5 +1 -7

-9 -14 -21

-23 -14 0

Bul 51

$e = -11.8$

6554 8 01.6 +12 26 s "

Comp with other given by 5553 → 58.8 35 +0.0066 − .140

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P	T	e	A	B	F	G	a	L	×10⁶ G³/p²
44.58	1909.75	0.41	+159	+22	−261	+350	0.465	54	50.22
0.29	0.18	.07	0.09	0.03	0.08	0.04	0.0005	1	1.70

→ 7.76 + 0.28

given Ephemeris

AB 7.80 +0.88 +0.48 (4) S = 10 C = +56

C 11.42 +1.26 − (1) +6.6

$\Delta m = 0.0$

851
470
381 −
25
353

~~7.66 1028 (1) 11 pts~~

7.44
755
8
779
124 325

17 pt = 0.41 Al

46 A (28)
24 M (7)
39 S (7)
50 V (10)
.043 (52)

$\pi^3 = 37$ $m_1 + m_2 = 0.73$

slightly evolved

$m_1 = m_2 = 0.36$ log −44

325

52

R.A.	:	8.000
DEC.	:	12.450
PM. R.A.	:	99.000
PM. DEC.	:	-148.000
DISTANCE	:	2.060
MODULUS	:	26
RAD. VEL.	:	-11.800

q1 (U)	:	-0.494
q2 (U)	:	0.316
q3 (U)	:	0.810
dU	:	-448.535
U	:	-21.136

q1 (V)	:	-0.202
q2 (V)	:	0.864
q3 (V)	:	-0.461
dV	:	-698.660
V	:	-12.603

52

q1 (W)	:	0.846
q2 (W)	:	0.391
q3 (W)	:	0.364
dW	:	113.140
W	:	-1.368

6665J 8 0.9 -45 5.5 +26.1

-45.3647 0.5 V

7.52 400 222 367 (1)

~~418 197 424~~

358 227

10 8

6370 +4084 -11

-0104 230

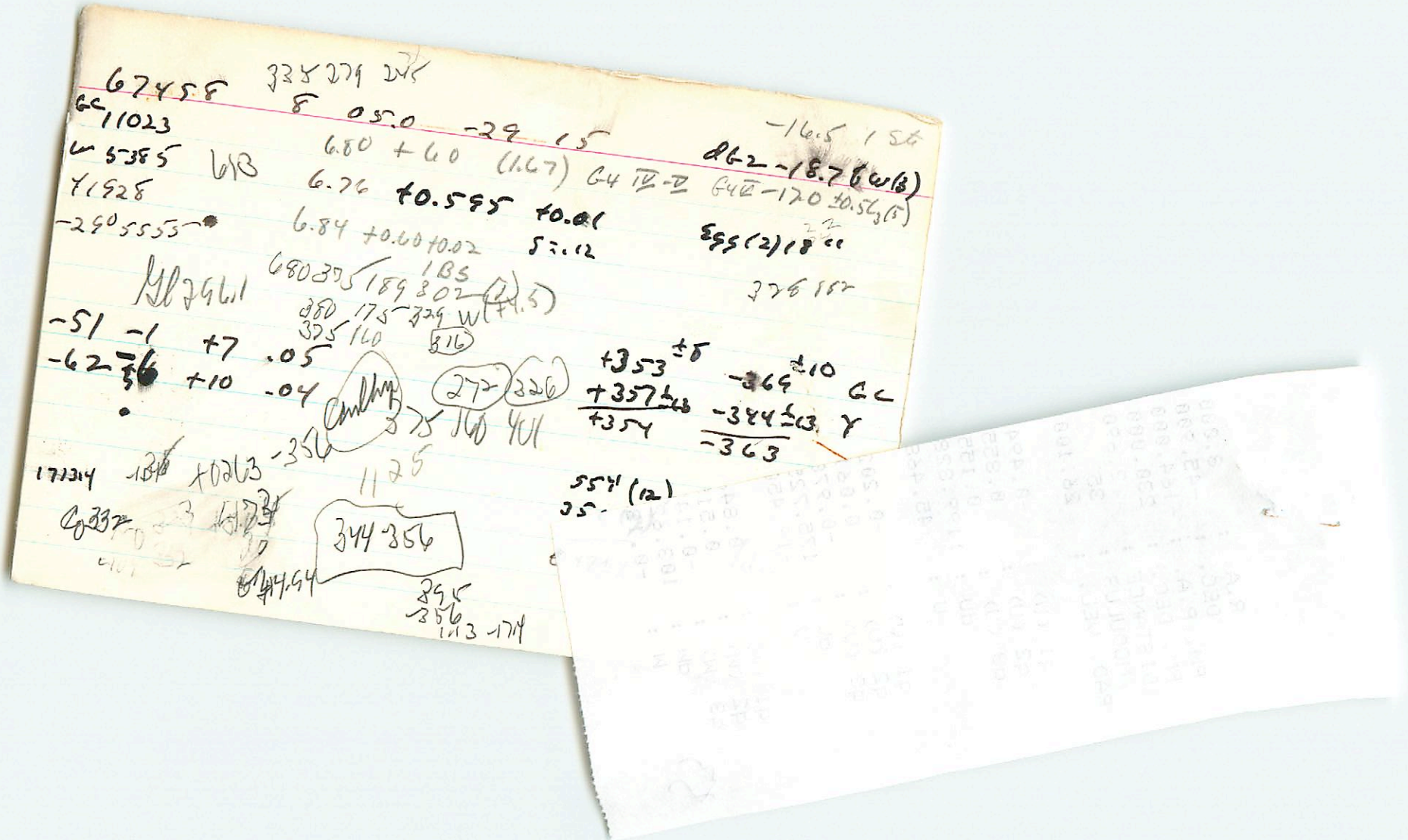
-114 230

164

230

7.69

26.1



R.A. :	8.000
DEC. :	-45.900
PM. R.A. :	-164.000
PM. DEC. :	230.000
DISTANCE :	2.690
MODULUS :	35
RAD. VEL. :	26.100

q1 (U) :	-0.494
q2 (U) :	0.855
q3 (U) :	0.155
dU :	1199.828
U :	45.466

q1 (V) :

q2 (

(

q1

q2

q3 (

53

67458 Card II

+0270 ±10.0 -369 ±8.0
+0261 -351

57.559 1900.0 -29 15 70.07 1896.7

57.559
-1.350
56,209

56.248
828
57.076
+4
080
24
,104

57.059
18
077

57,090
+.881

33.8

70.07
+19.67
50.40

47.81 1934.44
-17.95
0279
-95
3.74
+20
3,54

.8758

3.49 1933.14
+21
3.28
52
3.41
-13.07

33.8
37.1

8.100
R.A. : -29.250
DEC. : 395.000
R.A. : -356.000
DEC. : 1.130
ANCE : 17
ULUS : -17.400
VEL. :
-0.513
0.768

−0369 ± 2.2 −657 ± 1.9
−0360 −654

68017 8 08.5 +32 37 dG4 +27.38 w(3)

GC11121 6.80 +0.67 +0.13 G4 ± +30.6 4

+32°1695 6.78 420 199270 2.567 (4) S = 08 +28.4

71937 6.80 420 194264 (2) −466 −657 GC

417 196 (267)

65426 30.830 1600.0 +32 36 56.59 1896.3

44A(38) 1.845 35.28

41m(7) 32.675 31.87 32.87

36.75 37.5 1526.0 (564)

35.058 (32.8) −23.60 32.8

C0 248 31.808 992 13.90 600 36.5

8481 60 −1.46 8.00

36 748 31.496 12.44 23.87

−270 5.1 (Cadidy) 75.4 1.179 3 12.54 −

−0372 −648 −1.179 1939.64

−470 −648 31.212 3.47

558 26 −1

−648 −60 234 3.46

847·531 539 842 −466·657 +223 −353 +15 −2.605

355 258 248 188 978 1600 −12 +19 054

+6 +45 −33
+29 −44 −28
+2 +43 −23 068
+26 −45 −20

1 43 −15
3 −22 −25
−5 −8 −15

0 37 −11
1 −24 17
−2 −7 11

R.A. :	
DEC. :	8.150
PM. R.A. :	32.600
PM. DEC. :	-538.000
DISTANCE :	-648.000
MODULUS :	1.600
RAD. VEL. :	21
	28.900
q1 (U) :	
q2 (U) :	-0.522
q3 (U) :	0.029
dU :	0.852

68,146 8 08.3 -13 39 dF7 +32.76

HR3202 55.561 +0.46 -243 +05.4 Gl
18 Pmp -250 +050N
-246 +052

W5425

336 148 395 2627 (4)

168 5.53 322 155 407

853 322 149 402 401

318 149

Eg 3392 +3.70 24

324 150

-U120 057

(Cauterly)

-248057

847·531 -236 522 -246 +052 +327-012 9 2·12

208 010 131 006 957 665 +36.6 -19 +31

04

+5 +45 -3

[+41 -21-13]

0 +44 -4 05

[+37 -20 -9]

+39 -20 -11 045

47

+1 +45 -4

+38 -23 -10

68146 8 8.7 -13 39

HR3202

11118 GL

5.53 +0.48 -0.02 2599

5.54 318 162 400 2635 GO

57 "

201

[m1] .~~229~~ +59

.358 .136 .352 2.614 (3) 21,20,5,2

24 69

392 200

[c1] 320 44/5 10

57 44 11

37 136 3 7

-246

2.20 +42.4 -20.5 -159

+52 +37.7

+760 +350 -829

18 Pmg

68146 8 08.3[43] −13 39 5.6 dF7 +37.7 6

5425

11118

483
2574

43

−0171 +050 N30

−0167 ±1.9 +053 ±1.7

045 (15)

3208

−0169 +0515 N30 +

−0173[5] +051

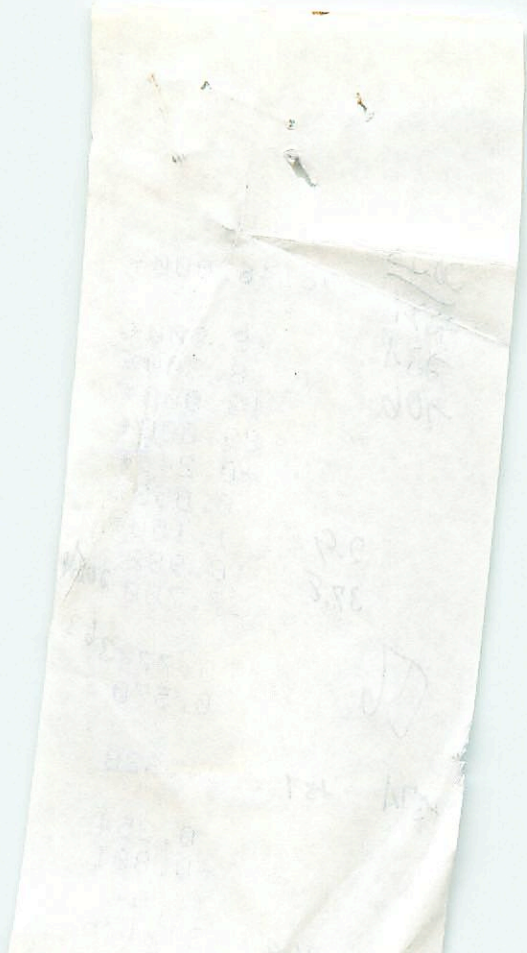
−251[4] +37.7

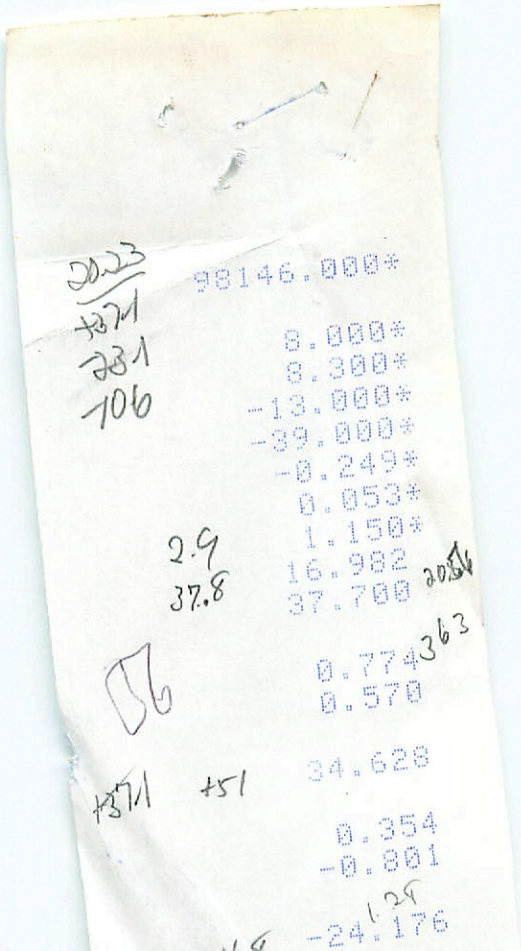
−249 +053

1.15

1991
6011

56




98146.000*
8.000*
8.300*
-13.000*
-39.000*
-0.249*
0.053*
1.150*
16.982
37.700
0.774
0.570
34.628
0.354
-0.801
-24.176