194-15A 0   OV 59.6 +40 46
-16 B

0193 2390

-168 -100

G37-37

1.30   0.97
12.05   11.78
11.75   10.74
10.97   10.04
9.48   9.58
10.5   9.55

9859 - 7334   1890
-7674   -6098   -0388
-3.6
0505
1.48

G130-49 00 07 01 +30 52

LHS1028

-340 -394

Smin

+30° 2860

520
-012

-0.4

137

-0.19

9932 -9°48305

16 05.7 -5 58

-0109 +12 Gn

-101 +021

+60°1637

9506 15 49.4 +60 41

+18°3022

9643 15 24.9 +18 15

+8°3034

9658 15 25.7 +8 02

+20°3118

9692 15 30.6 +19 55

dB4

0000 -170 00 01.0 -17 01 9912 9964 2416

-1224 0786 -1020

G266-32 14.67 -05 -94 Sggm -0.35

LTT 11 0257

L793-18 ~~15.84 -037 Wegner~~ 2.48

LP764-58 → 14.67 +025 Wegner +031 +066 (2)

11.70 14.69 -039 Wegner +04 +04 (1)

0.0

-17

9816 0.20 94 Eggen (1970) 252

0786 0.25 89 Greenstein et al 11 17

→ 0.241 86 Eggen 0.241 017 2.48 1.00

V, b y (1,2). Prager is 0."80 in 94° in (3) and 0."341 in 86° was adopted here from (4). The Gielas value of 0."25 in 85° (5) evidently influenced Luyten's (4) adopted value.

See (50) for [illegible] and mass.

11 02 +778 11 02 24 +77 533

-145 -039

9D 466

14.97 00 9500 - 9512 1500

1959 - 9887 -1077

NA 10.97 -2.25

0160

3.59

V_1 by (13). PM = 0.150 in 255° (5).

1114 +047 11 14.1 +06 43.5

B45-45

308 270 L

28 274 B

-308 000 L

-274 020 B -294 +010

9521 -9564 2438

3058 0880 0141

12.1

0325

2.46

V, B-y (6). Mean PM from accordant
results (21, 34) = 0".294 in 272°.

1230+417 12 30 00 +41 46

GD317 124 +014 L .10 295 G

9484	-9948	1248
		-0013
0540	1019	-0.45
		0130
		4.43

1572-04

V, 8 my(c)

Pm = 0.125 in 276° (17).

1232028

12 37 35 −02 58.7

−.2368 +0547

LP415-183

.242 283

12.4

1847 +13

12.47

9983 − 9889 | 2414

−0577 1106 | −0282

−53

0252

2.99

V, b-y, transformed from (35). PM = $0''.243$ in 283° (21).

1248-610 12 48 24 -6 L 02

08 263

BPM 7855 -0~~42~~-0001

-0744-0100

1542 -105 9888 -9993 0920

-1493 0765 -0022

-2.35

0044

0801 677

0034

~~+2.2~~

0084

537

10.55

V, β-γ (1). Pm = 0.08 à 763° (3).

W1507 -105 15 07 46 -10 34

99176 .150 270

-150 000 6

15.42 +057

+11.4

7639 -1.0000 +150

-6453 -0073 -0011

-0.25

0205

3.45

V, b-y (1). PM = 0.″15 in 270° (5).

1530+183 15 50 12 +18 19

.712 309 1mg

−115 +096

−165 133

−174 ~~151~~

−140 114

1781

−02943

−5.3

0262

2.91

14.83 +057

2.91

11.92 11.9

309

7090 − 8676

−7053 4972

2093

−1833

0807

2.56

r (6), p-g (11). Mean PM from slightly discordant results
(21, 5) = 0.″180 in 309°.

1822+410   18 22 +41 02

GD378   0.15 360

0000 150 G

7373 0000 .150

-6756 1000 000

1439 (6) -023   00

334   0212

1100   3.36

~~v(x)~~ $\check{j}$ being transformed from (7)) $PM = \overset{\alpha}{0}.150$ in 360° (5).

2058+342 20 58.3 +34 17

6D342 0.15 48 +106 106

8137 7559] 1495

-5812 6547] 0107

+2145

0191

1576+40 (1.0) 3.59

2316-173

22 17.0 -17 22

LP 822-50

.252 85.0 2510 0220

94.09 +05

9491 9955 2514

-3150 0213 0174

+3.0

0276

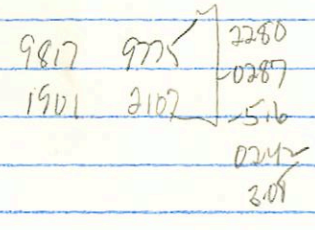
2.50

V_1 1 ~ ζ (2). $p_m = 0.^{"}252$ in 85^0 (21).

0125-236 01 25 71 -23 40-4

6274-35 15.38 +0.110

LP827-237 +254 020



V, b-y (10). PM = 0.″230 in 85° (4)

DA3

0342 -623 3 42 00 -67 19

.93

15774-0.06 -77

BPM 3116

15.68 -0.83 [illegible]

9823 6564 1075 1151

1871 2540 0416 0140

48.9 +5.45

0122

4.57

V, B-y (1,8)

pM = 0.016 - 3 (9)

0349 +339 03 45 48 +33 58.6

GD 52

170 −102 L
130 −075 G
150 −088

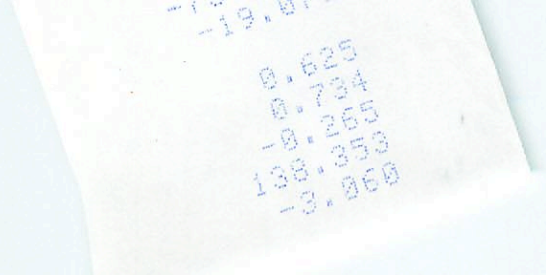
050
+ 085 Gum

7108 8747 | 1738
7034 −4755 | −0060
−11
0255
2.47

+12.25

3.8
+34
451
−58
3.47
832

V(L), b-y transformed form (7). pM = 0".148 in 121° (21) and 0".15 in 120° (5)


-19.0
0.625
0.734
-0.265
138.353
-3.060

+260730 4 33.6 +27 04 2 2962 5 0097

33 n0G [246 147]

255 -165

060 USNO 251 -128 Y 5505 8404 2

062 Sprout 233 -140 USNO ~~5348~~ -5420 +0184

222 -137 Sprout

241 -164 AGIL

240 -132 Reit

+0155 -124 -3 +3

237 -129

4.58 -131 [251 -138]

+07.1 237 -142

0352+096 3 52.1 +9 37

H24 150 -008 L

14.47 -005 Gehm

6154 9996 150
7882 -0301 -003
-045
0254
248

3.9
+9.6
152
-8
2.48
+354

V, 8-9 (14). PM = 0.″15 in 93° (Ho). Member of the Hyades cluster

3.900
9.600
152.800
-8.000
2.986
39 .44
35.900

0.399
0.347
0.849
276.221
41.134

-0.655
0.755
-0.001
-494.246
-19.517

0.641
0.556
-0.529
434.500
-1.837

0406 +116 4 06.3 (6) +16 59

LP 414-101
LB 227

	5778	9739	1200	0.12	101	Eggen
405	8162	-2270	0033	0.12	102	G
+17			+0.7	~~0.118 : 95~~		Van Altena
125			0214	1120	101.5	
101			3.37			

1962
Giclas et al Lowell Obs Bull 118

~~1126-010~~
1126-024

v, being transformed from (3). PM = 0".12 in 1010 (3) and 0".2 in 1020 (27)

0+13 110°
122-044

0416 +272 04 15.9 +27 11

~~127 -029~~

121 -030

0.12 105 1830

0.130 103 ~~1404~~

125 ~~104~~

6012 8819] 1276 1283

7491 -4714] 03/06 0187

+40

0222

3.26

4.25

+272

136

-44

326

+364

1966

Proper Motion Survey II

Oph

b-f (28). ZZ Cet variable. See discussion in (16)
mean PM = 0.13" in 110°, number of Ophiuchus clusters.


4.250
27.200
136.000
-44.000
3.260
36.400
0.326
0.059
8.944
174.525
42.182

0421 +162 04 21.0 +16 14
VR7
121 - 25 1427 — 058 Hickson

5244 9687 | 1234
8514 −2484 | 0058
+11
0245

4.23
+16.25
124
125
8.05
+38.7

v, 1-7 (14)

mean PM = 0".124 in 102° (79)

4.339
16.250
126.000
-25.000
3.050
4
38.700

0.23

0.309
0.235
0.922
149.234
41.746

-0.637
0.771
0.817

0425+168   04 25.7 +16 52   101 103

048 -022

VR 16

1405 -096 Markarian

5714 9620]
8563 -2732] 1003
0056
+1.3
0202
3.47

4.4

+16.4

102

-22
3.47
+89.0

v, l–y (14). mean PM = 0."103 in 103° (79).


4.400
16.900
102.000
-22.000
3.470
49.
39.000
0.294
0.223
0.930
112.655
41.820
-0.633
0.774
0.015

0424 +176 04 244 +13 38

H2 9

13.90 +0.220 Graham

0.118 110 (29)

4444 9494] 1180
8664 3141] -0038
-0.65
0246
304

1109 -0404

4.8
+17.6
116
40
3.04
+33.4

V, V-J(14). Mean PM = 0".118 in 110° (29). Sp. B with
$\rho = 0.564$ with Red M4.5e component and systemic velocity
of +42.1 km/sec (32)

H. Jannsing and P. Peach 1981 Astrophys. J. 244, 280

1

4.500
17.600
116.000
-40.000
3.040
40
0.5
39.400

0431+12 38 ✓ 04 31.0 +12 35 ✓

H37 14.11-09? Rahm 4.5 ✓

+12.6

0954-010 97

0.96 96 .10 ✓

3.47 ✓

+9.9

8768 9841 | 0957

4808 -1664 | 0060 ✓

+1.35

0207

3.42 ✓

v, 1 vy (14). mean PM = 0.″096 in 96° (24).

4.500
12.600
97.000
-10.000
3.420
48.00
39.900

0.272
0.290
0.917
108.328
41.837

-0.628
0.776
-0.060
-316.387
-17.758

0.729
0.560
-0.393
300.797
-1.170

0433 +270 04 33 34 +27 034

5504 8348 2867
8346 -5424 0204

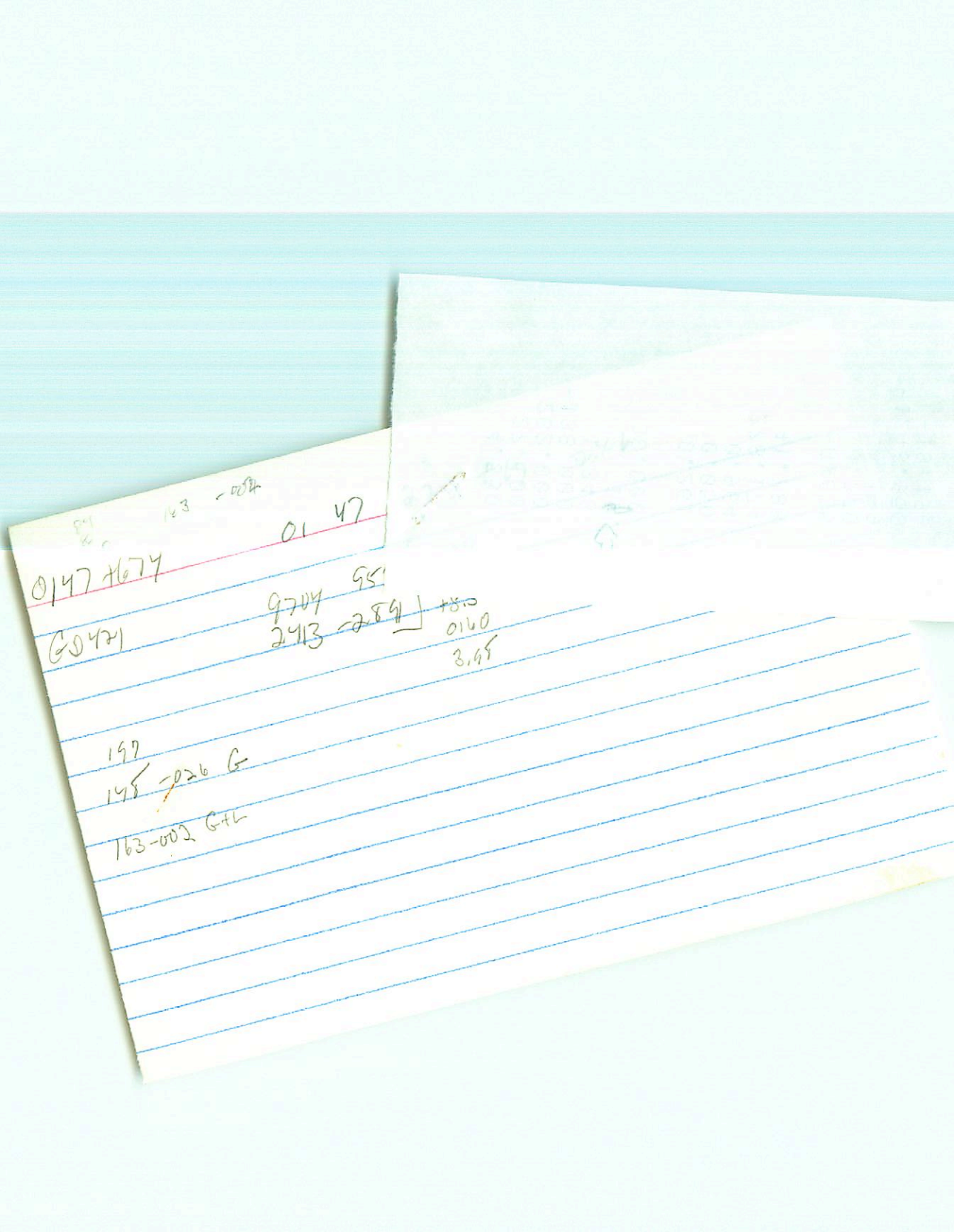
4.55
+2771

282
/186
1:34
+380

(47-2)

Mean PM = 0″.286 in 118.5°

v, fairly (.11, .15); slightly discordant.
from meridian observations of the cpm companion +26°730,
which is a VAC star (24). The trig parallax determinations
0″.060 (30) for the white dwarf and 0″.062 (25) for +26°730.
is a sp. b. of period 1.798 days (31) with systemic velocity of +36.0
km/sec. See discussion in (16).



V, 1-y (7). PM ≡ 0.″15 VOR 100° (5) adopted. class 3 is assigned because PM = 0.″20 in 770 (4) is discordant.

Ø A ~

0229 +270 2 29 12 +27 023

15.49 -0.076 Wegner (1983) T069-012

15.59 ~~-0.087~~

-0.108

8580 9874 0300

5137 -1582

V, b-y from

V(13) adopted 1 mag transformed from G-R (13) via (12). PM = 0.07" in 100° (4).

M_v = +10.5 from (G-R)* calib curve in (7).

0332 +035 02 32 31 +03 30

F24

0.8442 9454 | 0836 +053 +010
5364 0455 | +0020
0.0103
4.92

(2)

A Semule Dor Faint Phe ster XVII, 1959

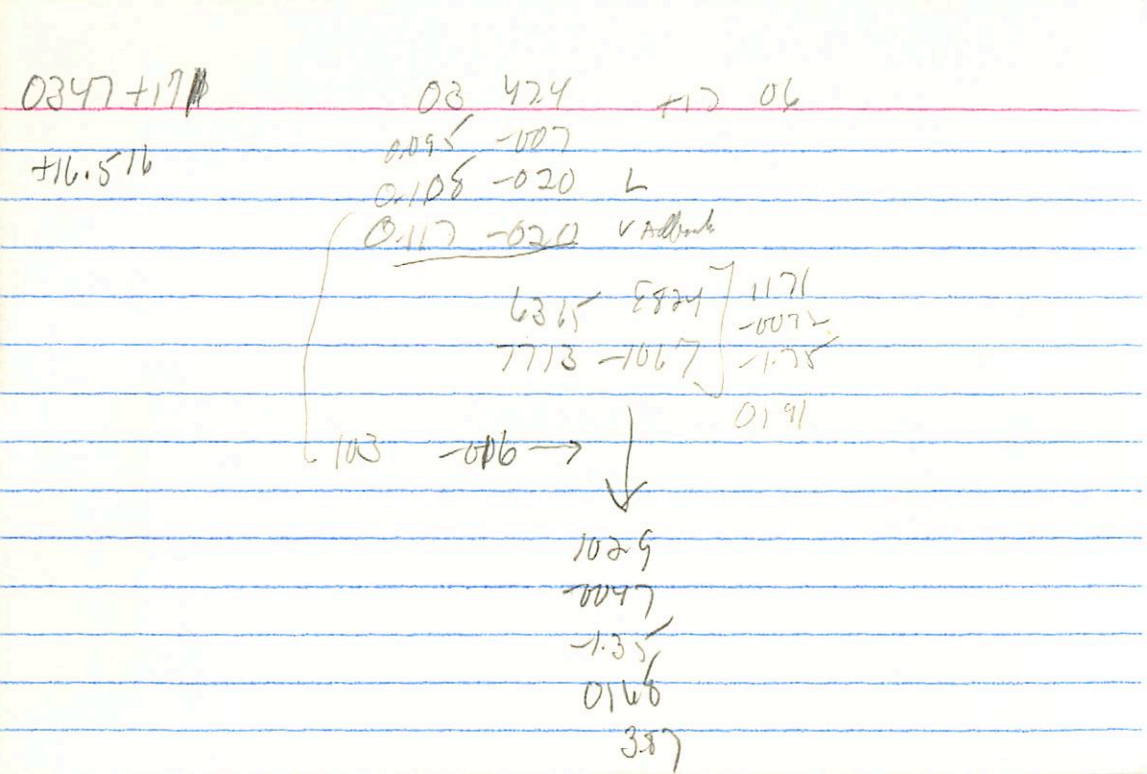
(Ufbag)

V_1 bay (14). $\Delta M = 0.084$ in 83 (17). See discussion in (16)

from which $M_V = +9.55$ mag for the cool dwarf (M_2) and

$M_V = +9.55$ mag at b-y mean -0.4: for the white dwarf.

IUE observations discussed in (5 and 52).



V, 1-g (22). PM = 0.″119 in 99° (23). The resolution of the combined photometry of this eclipsing system (V 417 Tau) is discussed in (16). The K dwarf component is a UV Cet star (24)

0.″11 in 101° ( ), 0.″085 in 94° (25)

The trigonometric quantity is 0.010 ± 0.003 (25)

0147+674 163 -004

GD421 01 47 22 +67 24.6

9704 9558 | 1490
2413 -289 | 0179
+8.3
0160
3.95

197
198 -026 G

163-002 G+L

V, 1-y(7). PM = 0.15 NNE 100° (5) adopted. Class 3 is assigned because PM = 0.20 in 170° (4) is discordant.