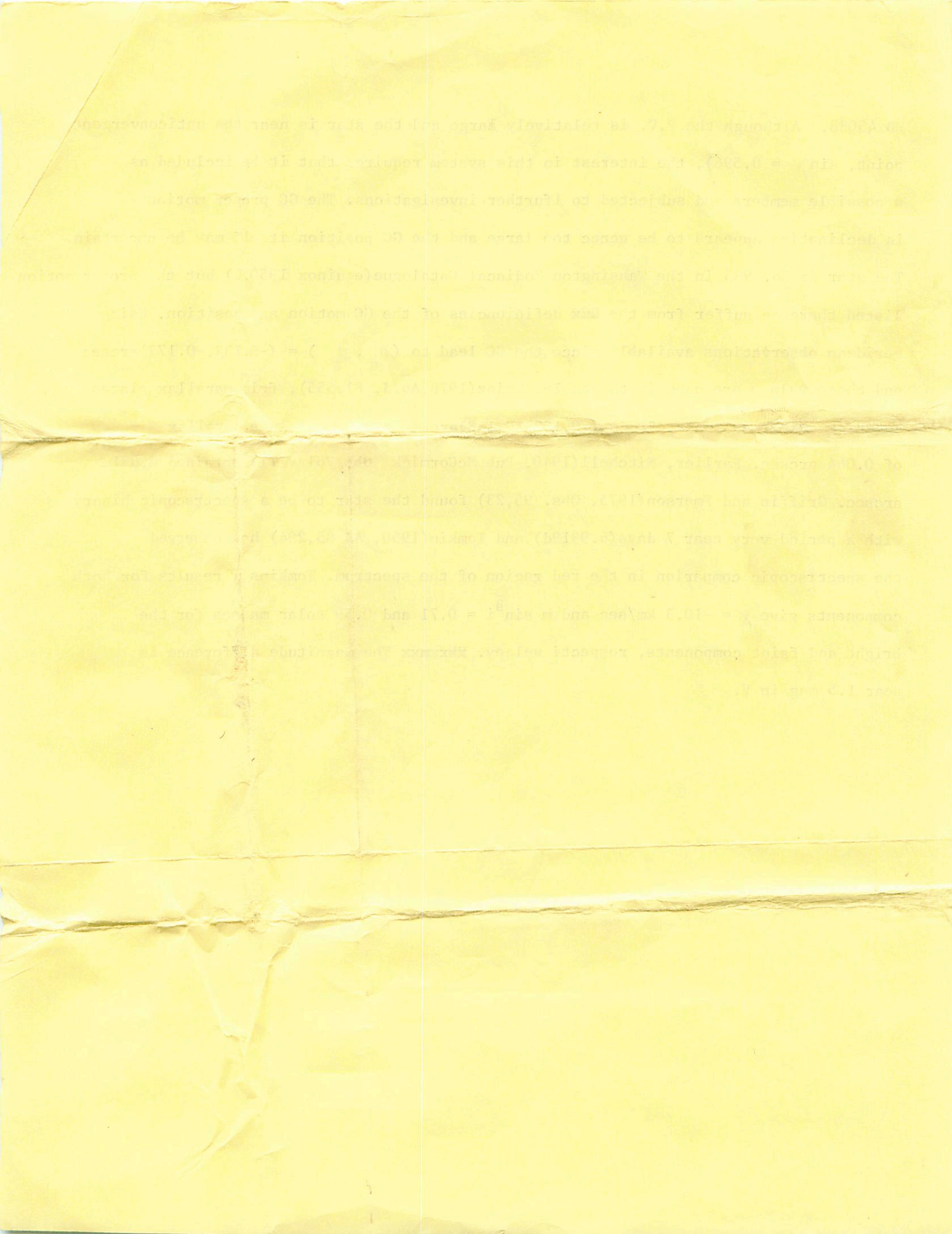


HD 45088. Although the P.V. is relatively large and the star is near the anticonvergent point, $\sin i = 0.596$, the interest in this system requires that it be included as a possible member and subjected to further investigations. The GC proper motion in declination appears to be ~~very~~ too large and the GC position itself may be uncertain. The star is No. 985 in the ^{Washington} ~~Washington~~ Zodiacal Catalogue (equinox 1950.0) but the proper motion listed there be suffer from the ~~ex~~ deficiencies of the GC motion and position. Using meridian observations available since the GC lead to $(\mu_\alpha, \mu_\delta) = (-0.133, -0.172)$ arcsec and these values are used in the table. Heinz (1976, *Ap. J.* 81, 555), ^{from} ~~from~~ parallax plates covering only five years, finds $(-0.122, -0.158)$ arcsec and an absolute parallax of 0.064 arcsec. Earlier, Mitchell (1940, *Pub McCormick Obs Vol VIII*) obtained 0.081 arcsec. Griffin and Emerson (1975, *Obs.* 95, 23) found the star to be a spectroscopic binary with a period very near 7 days (6.9919d) and Tomkin (1950, *AJ* 85, 294) has observed the spectroscopic comparison in the red region of the spectrum. Tomkins's results for both components give $\gamma = -10.3$ km/sec and $m \sin^3 i = 0.71$ and 0.59 solar masses for the bright and faint components, respectively. ~~xxxxxx~~ The magnitude difference is near 1.5 mag in V.



88 45058 Gh233 6 203 +18 49 676 1220 e

+180 214 674 564 444 232 2,5348 -126

G6833 $\begin{matrix} +23 \\ -12 \\ -122 \end{matrix}$ $\begin{matrix} -192 \\ -177 \end{matrix}$ R-1 = 350
R-26

A5054 6 23 14.36 ~~18~~ +18 47 20.54

(362) (Sun)

$\begin{matrix} +27 \\ +12 \\ +5 \end{matrix}$
 $\begin{matrix} 00809 \\ 00772 \\ 00794 \end{matrix}$ $\begin{matrix} -1888 \\ -1876 \\ -1861 \end{matrix}$ 2L
 $\begin{matrix} 5691 \\ 7589 \end{matrix}$ - $\begin{matrix} 7500 \\ 6607 \end{matrix}$ $\begin{matrix} 2084 \\ 40430 \end{matrix}$
 +2.00
 0981

1416 $\begin{matrix} -112 \\ -112 \end{matrix}$ $\begin{matrix} 2004 \\ 0773 \\ 7330 \end{matrix}$ OR $\begin{matrix} 8594 \\ 1588 \\ 0789 \end{matrix}$ $\begin{matrix} 7500 \\ 6607 \end{matrix}$
 $\begin{matrix} -128 \\ -170 \end{matrix}$ $\begin{matrix} 781 \\ 211 \end{matrix}$

nut shell, S.F.

Partial Growth
Growth also

Vol III 1940

$\frac{885}{945}$

4.364 31

-0082663
-0086

-19477.5
-177
20.54
8.65

3.0

~~1827~~ 19.22

-128005
-122-148

19.227 60.07

+30
257

-0096
-0095
-1705

-
9
1913

K58, 555

-0084-1205

19415 40.1

22.46

-0.9217
-0.1474
-105

-00851-1954

+31
449

+15
2257

170.044

-128
~~134~~
-175
-170

45085

2085 + 17

114 + 2800

127 + 171

1185
-125
-184 ± 78
176

10
111
82
191
12

1414 31

155

28.65

3.0

1748

1345

2519

-0003 -179

-00846 -1705

4638

2729

5255

-120 -177

28145

5

2890

1453

527

28.50 / 28.29

14161

73.00

16.82

-0083 -254

30

16.73

191

349

25.53

-236

423

2870

420

476

0586

5503

-245

5554 - 4655

1025

1607

-0080 -245

-00816 -1705

10

45058

6 23.2

+15 47 R2E L

CL 4813 233

6 36 568

5 W Gen
P = 6.44
 $\Delta r = 003 \text{ mg}$

~~5544~~
~~7506~~
-8289

+3373
~~1086~~
-7506
-6607

204

+1716

0085
-171 -171

+11 18.7

+ 206.5

+11 18.75

0.27
+1.45
0.18

12.5

DEC. : 2.488
DEC. : 13.888
DEC. : 8.088
JAN. : 8.088
JAN. : 8.088
JAN. : 8.088

(U) :
(U) : -0.128
(U) : 0.130
(U) : 0.271
(U) : 0.088
(U) : 0.088

(U) :
(U) : -0.443
(U) : 0.824
(U) : -0.238
(U) : 0.088
(U) : 0.088

(U) :
(U) : 0.883
(U) : 0.457
(U) : 0.087
(U) : 0.088
(U) : 0.088

R.A.	:	:	
DEC.	:	:	6.400
R.A.	:	:	18.800
DEC.	:	:	0.000
ANCE	:	:	0.000
JLUS	:	:	0.000
JEL.	:	:	10
	:	:	0.000

(U)	:	:	
(U)	:	:	-0.158
(U)	:	:	0.180
DU	:	:	0.971
U	:	:	0.000
	:	:	0.000

(V)	:	:	
(V)	:	:	-0.443
(V)	:	:	0.866
AV	:	:	-0.233
V	:	:	0.000
	:	:	0.000

(W)	:	:	
(W)	:	:	0.883
(W)	:	:	0.467
MP	:	:	0.057
M	:	:	0.000
	:	:	0.000