

CEPHEIDS OBSERVATION  
(light curve nr 08/97)**FF Aql**

25 JUL. 1997

GCVS 1985 data: Max = 41576.428 + 4.470916 \* E

Type: DCEPS

M-m = 0.48

Range: 5.18 - 5.68 V

Spect: F5IA-F8IA

Observer: DUMONT Michel (DMT)

Estimates: 56 from Jun 1982 to Dec 1982

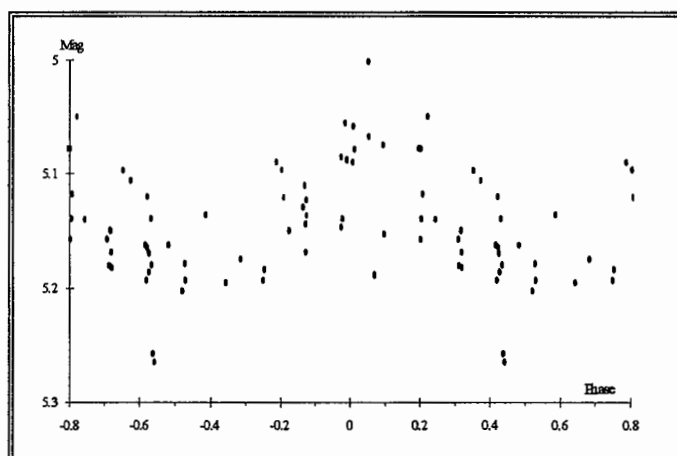
Instrument: J 50

Chart GEOS C71

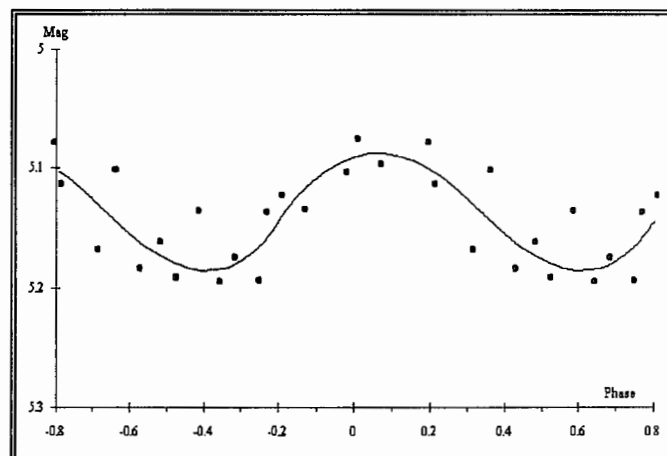
Personal sequence: 111 Her=4.37, C=5.69

Nr	Phase	Mag	Nr	Phase	Mag
3	0.009	5.07	3	0.525	5.19
5	0.072	5.09	1	0.585	5.13
0	-	-	1	0.642	5.19
1	0.195	5.07	1	0.684	5.17
6	0.213	5.11	1	0.749	5.19
0	-	-	2	0.770	5.13
5	0.315	5.16	3	0.811	5.12
2	0.362	5.10	6	0.870	5.13
10	0.427	5.18	0	-	-
1	0.481	5.16	5	0.980	5.10

Table of mean values



Raw light curve



Mean light curve

Phase MIN =  $0.67 \pm 0.03$ 

Mag MIN = 5.2

Phase MAX =  $0.09 \pm 0.04$ 

Mag MAX = 5.1

M-m =  $0.42 \pm 0.07$ 

Amplitude = 0.1

Mean MAX (JD) =  $45234.04 \pm 0.18$ O-C (GCVS 85) =  $0.40 \pm 0.18$  d

Note: phases of extremum points on mean light curve have been calculated by SOP program.

NdLR : As usual, these observations underestimate the real amplitude of the variations !