

CEPHEIDS OBSERVATION
(light curve nr 07/97)

25 JUL. 1997

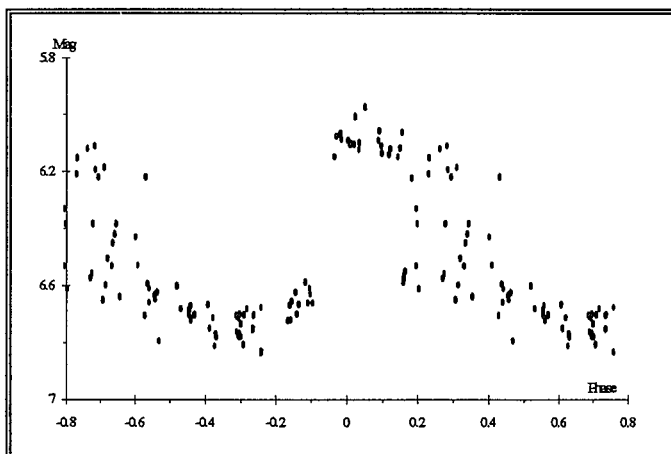
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GCVS 1985 data: Max = 34922.31 + 7.02393 * E
 Type: DCEP M-m = 0.30 Range: 6.08 - 6.86 V Spect: F5I-II-G1

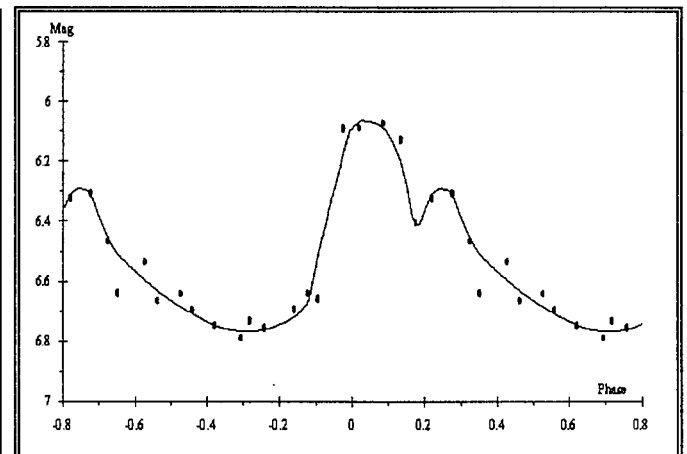
Observer: DUMONT Michel (DMT)
 Estimates: 102 from Jun 1982 to Aug 1984 Instrument: J 50 x 10 Chart GEOS C66
 Personal sequence: A=5.50, B=6.38, C=7.00, D=7.62 Degree: 0.09 mag

Nr	Phase	Mag	Nr	Phase	Mag
7	0.020	6.09	2	0.525	6.64
5	0.085	6.07	5	0.559	6.69
4	0.133	6.13	6	0.621	6.74
8	0.176	6.40	8	0.694	6.78
3	0.221	6.32	8	0.718	6.73
7	0.277	6.30	2	0.758	6.75
8	0.324	6.46	4	0.840	6.69
1	0.353	6.64	7	0.878	6.64
7	0.426	6.53	1	0.904	6.66
5	0.461	6.66	4	0.975	6.09

Table of mean values



Raw light curve



Mean light curve

Phase MIN = 0.69 ± 0.05

Mag MIN = 6.8

Phase MAX = 0.06 ± 0.02

Mag MAX = 6.1

M-m = 0.37 ± 0.07

Amplitude = 0.7

Mean MAX (JD) = 45528.87 ± 0.14 O-C (GCVS 85) = 0.42 ± 0.14 d

Note: phases of extremum points on mean light curve have been calculated by SOP program. In order to obtain a light curve covered on the whole period, data of 3 years observations have been collected and treated.

DDL