

CEPHEIDS OBSERVATION  
(light curve nr 06/97)

# Y Oph

GCVS 1985 data: Max = 39853.30 + 17.12413 \* E

Type: DCEPS M-m = 0.44

Range: 5.87 - 6.46 V

Spect: F8IB - G7IB

Observer: DALMAZIO Davide (DDL)

Estimates: 50 from Jul to Sep 1988

Instrument: J 50 x 16

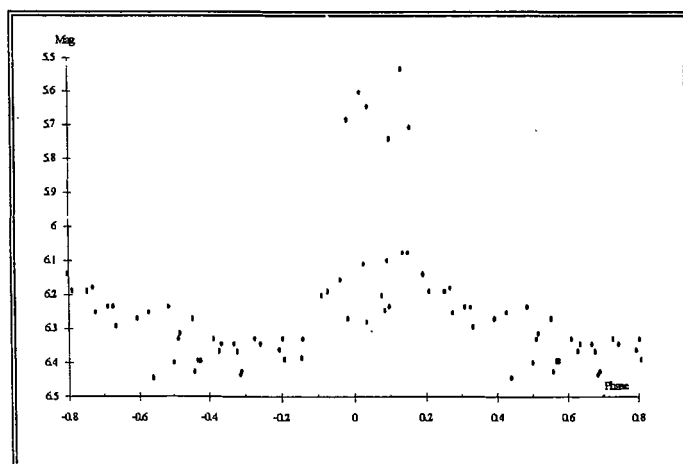
Chart GEOS C5

Personal sequence: B=5.24, C=5.91, E=6.75

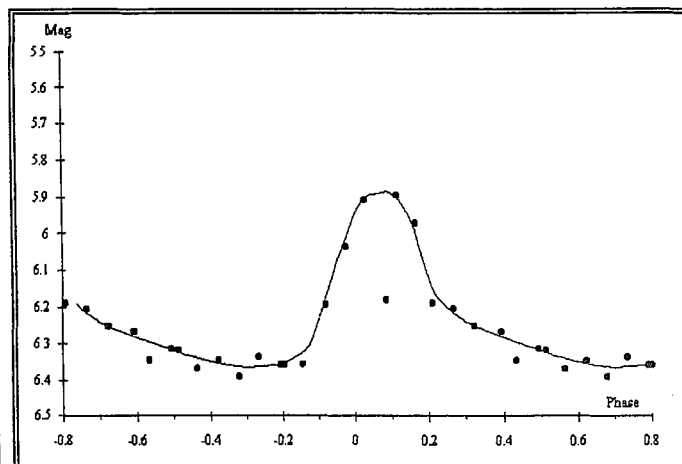
Degree: 0.12 mag

Nr	Phase	Mag	Nr	Phase	Mag
4	0.031	5.90	2	0.514	6.32
3	0.086	6.18	3	0.563	6.37
4	0.118	5.89	3	0.623	6.34
3	0.169	5.97	4	0.679	6.39
1	0.209	6.18	2	0.735	6.33
3	0.266	6.20	1	0.793	6.36
3	0.324	6.25	2	0.804	6.35
1	0.394	6.26	2	0.856	6.35
2	0.434	6.34	2	0.919	6.19
2	0.493	6.31	3	0.975	6.03

Table of mean values



Raw light curve



Mean light curve

Phase MIN =  $0.68 \pm 0.05$

Mag MIN = 6.4

Phase MAX =  $0.06 \pm 0.05$

Mag MAX = 5.9

M-m =  $0.38 \pm 0.10$

Amplitude = 0.5

Mean MAX (JD) =  $47371.82 \pm 0.86$

O-C (GCVS 85) =  $1.03 \pm 0.86$  d

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