

COMMISSIONS 27 AND 42 OF THE IAU
 INFORMATION BULLETIN ON VARIABLE STARS
 Number 3948

Konkoly Observatory
 Budapest
 29 October 1993
 HU ISSN 0324 - 0676

**TIMES OF MINIMA OF SOUTHERN
 ECLIPSING BINARIES**

Here are presented photoelectric minima for AG Phe and LT Pav. Observations were made at Cerro Tololo Interamerican Observatory in Chile¹ with the 60 cm Lowell Telescope, standard UBVR filters and photon counting techniques.

Kwee and Van Woerden (1956) method for determining times of minimum light was used for the observations of AG Phe while the sliding integrals algorithm (Ghedini, 1981) was used for LT Pav. The determined minima are listed in the following tables together with the standard deviation given in brackets in units of 0^d.0001.

Minima for AG Phe

Min	V	R	I
	HJD 2440000+		
I	5986.6300(04)	5986.6299(06)	5986.6297(06)
I	5988.8961(06)	5988.8963(03)	5988.8963(04)
II	5990.7840(11)	5990.7855(11)	5990.7861(09)

Minima for LT Pav

Min	U	B	V
	HJD 2440000+		
I	4841.5579(02)	4841.5579(02)	4841.5582(02)
II	4843.7228(03)	4843.7233(04)	4843.7232(03)
I	5225.7807(08)	5225.7802(06)	5225.7804(06)
I	5233.6563(07)	5233.6565(05)	5233.6568(06)
I	5237.5909(07)	5237.5908(06)	5237.5911(06)
II	5986.5507(07)	5986.5512(06)	5986.5515(07)
I	5987.5370(02)	5987.5362(02)	5987.5363(02)
I	5989.5041(32)	5989.5040(28)	5989.5035(28)
II	5991.6700(01)	5991.6704(01)	5991.6702(01)

A period study and the light curve analysis of these systems will be published elsewhere.

Miguel Angel CERRUTI
 I.A.F.E.
 CC 67 Suc. 28
 1428 Buenos Aires, Argentina

References:

- Ghedini, S., 1981, *Mem. Soc. Astr. Ital.*, **52**, 633
 Kwee K. K., Van Woerden, H., 1956, *Bull. Astr. Inst. Netherl.*, **12**, 327

¹Operated by AURA Inc. under cooperative agreement with the NSF.