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PHOTOELECTRIC MINIMA OF THE ECLIPSING BINARY PV CASSIOPEIAE

The eclipsing binary PV Cas (BV 72; BD+58<sup>o</sup>2554) has been investigated by different authors (Geyer, 1961; Pohl, 1969; Ibanoglu, 1971, 1974) during the past twenty years. It was also observed photoelectrically at the Konkoly Observatory and four primary and seven secondary minima were obtained. BD+58<sup>o</sup>2562 was used as comparison star.

The observations were made in B and V colours with the (\*) 24" Newton telescope (in Budapest) equipped with an unrefrigerated EMI 9502 B photomultiplier and with the (\*\*\*) 20" Cassegrain telescope (in the mountain station) equipped with an unrefrigerated EMI 9058 QB photomultiplier.

The O-C values were calculated with the following elements given by Ibanoglu (1974):

$$\text{Min I} = \text{J.D.Hel. } 2440227.4044 + 1.75046986 \text{ E}$$

$$\begin{matrix} \pm & 3 & \pm 16 \end{matrix}$$

Table I Times of minima

Min. (Hel.)	O-C	Type	Remark
2442233.4400	-0.0016	I	**
2716.5735	+0.0005	I	**
2766.4270	+0.0006	II	*
2786.5905	-0.0005	I	**
2850.4495	+0.0006	II	*
3046.5050	+0.0022	II	*
3076.2635	+0.0025	II	*
3125.2795	+0.0041	II	*
3348.4910	-0.0007	I	*
3482.3715	+0.0019	II	*
3524.3860	+0.0038	II	*

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References:

Geyer, E.H.: Zeitschrift für Astrophysik 51, 79 (1961)

Pohl, E.: Inf. Bull. var. Stars No. 386 (1969)

Ibanoglu, C.: Inf. Bull. var. Stars No. 555 (1971)

Ibanoglu, C.: Astronomy and Astrophysics, 35, 483 (1974)