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**PHOTOELECTRIC MINIMA OF V2150 Cyg AND OU Ser**

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**Observatory and telescope:**

40 cm Cassegrain telescope of the TÜBİTAK<sup>†</sup> National Observatory.

**Detector:**

OPTEC SSP-5A photometer, Hamamatsu 4457 PMT.

**Method of data reduction:**

Reduction of the observations were made in the usual way.

**Method of minimum determination:**

Times of minima were determined by the method of Kwee and van Woerden (1956).

**Observed star(s):**

Star name	GCVS type	Coordinates (J2000)		Comp. star	Ephemeris		Source
		RA	Dec		E 2400000+	P [day]	
V2150 Cyg	EW	21 <sup>h</sup> 18 <sup>m</sup> 11 <sup>s</sup>	+30°35'22"	SAO 71155	48500.4340	0.5918560	1
OU Ser	EW	15 <sup>h</sup> 22 <sup>m</sup> 43 <sup>s</sup>	+16°15'41"	HD 136440	48500.2780	0.2967645	1

**Source(s) of the ephemeris:**

1. The Hipparcos & Tycho Catalogues (ESA, 1997)

**Times of minima:**

Star name	Time of min. HJD 2400000+	Error	Type	Filter	$O - C$	
					[day]	Rem.
V2150 Cyg	52130.6209	0.0002	II	V	0.0381	CY
	52149.5576	0.0008	II	V	0.0354	CY
	52171.4554	0.0005	II	V	0.0345	CY
	52187.4321	0.0007	II	V	0.0312	CY
OU Ser	52130.4683	0.0004	II	V	0.0185	CY
	52133.4360	0.0009	II	V	0.0186	CY
	52441.6112	0.0008	I	V	0.0039	CY
	52476.4866	0.0005	II	V	0.0094	CY

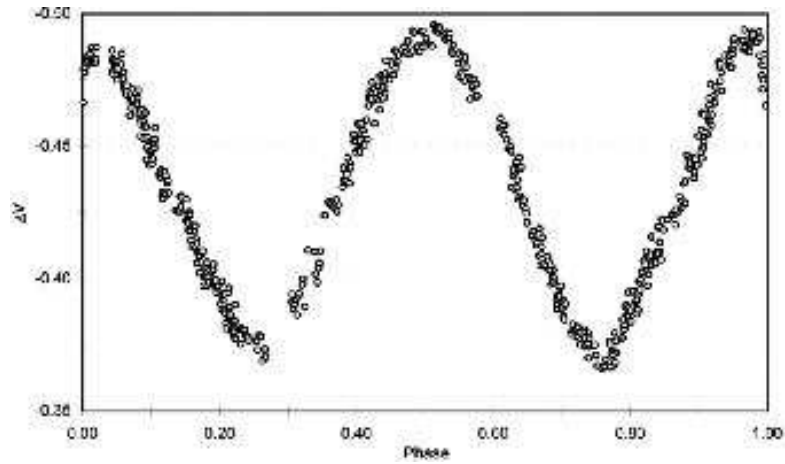
<sup>†</sup>TÜBİTAK : The Scientific and Technical Research Council of Turkey

<b>Explanation of the remarks in the table:</b>
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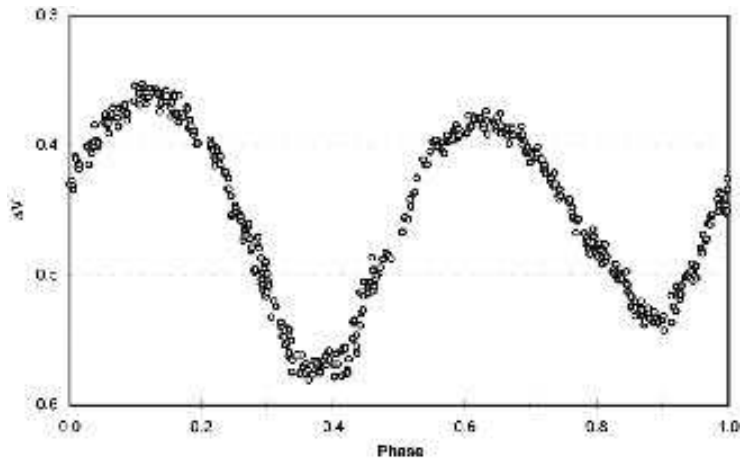
CY: Cahit Yeşilyaprak (Observer)
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**Figure 1.** Differential light curve of V2150 Cyg



**Figure 2.** Differential light curve of OU Ser

References:

ESA, 1997, *The Hipparcos & Tycho Catalogues*, ESA SP-1200

Kwee, K. K., & van Woerden, H., 1956, *Bull. Astron. Inst. Neth.*, **12**, 327