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PHOTOELECTRIC MINIMA OF ER Ori AND AW Cam

Four minima of two eclipsing binaries are listed in the following table.

	J.D. hel. (2400000.+)	m.e.	N	E	(O-C)
ER Ori	41990.54294	±0.00003	29	12947.0	-0.0136
AW Cam	41990.4479	.0001	31	4216.0	- .0032
	42344.4962	.0002	33	4675.0	- .0032
	42417.3887	.0001	24	4769.5	- .0030

The photoelectric observations in V light were carried out by the 40 cm refractor of the Teramo Observatory. The heliocentric times of the minima and the mean errors were obtained by the Kwee-Van Woerden method. The secondary minimum of AW Cam was computed by the Chiara method (Guarnieri, 1975). The number of observations (N) is given in the fourth column.

The comparison and check stars of ER Ori are BD - 8°1051 and BD - 8°1056, respectively, while the comparison star of AW Cam is BD + 70°419.

(O-C) 's were computed with the elements of "1975 Rocznik Astronomiczny" for ER Ori and with the elements of Tempesti (1967) for AW Cam.

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References:

Guarnieri, A., 1975, private communication
 Tempesti, P., 1967 Mem.Soc.Astron.Ital., 38, 1