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PHOTOELECTRIC TIMES OF MINIMA
 OF ECLIPSING BINARIES

The following times of minimum light have been determined from observations through a standard Johnson-Morgan V filter and a 30 arcsec diameter diaphragm during the 1980 and 1981 observing seasons with the 38-cm f/13 Cassegrain reflecting telescope associated with the Department of Science at the Brisbane College of Advanced Education, Queensland.

The observing procedure has been described previously (Kennedy and Wisniewski, 1980).

As is done normally, a least-squares parabolic fit to the observations was used to find times of minimum light. The chord-bisection method is used as a check on the eclipses.

Table I lists the Heliocentric Julian Dates, Epochs, (O-C) values and the number of observations N, where each observation is the average of three ten-second integrations.

Table I.

Star	Min.	J.D. Hel. 2,400,000+	(O-C)	N
DI Peg	I	43,071.0029	-0. ^d 0094	58
	I	43,434.0295	-0. ^d 0097	
	I	44,543.0401	-0. ^d 0108	
	I	44,557.9879	-0. ^d 0110	
UX Eri	I	43,491.0355	-0. ^d 0339	184
	II	44,571.9592	-0. ^d 0328	
	II	44,591.9975	-0. ^d 0322	
AH Vir	I	44,723.0431	+0. ^d 0609	139
	I	44,727.9342	+0. ^d 0617	
	I	44,729.9698	+0. ^d 0597	
	II	44,730.9926	+0. ^d 0637	
	II	44,750.9637	+0. ^d 0663	
	II	44,753.0010	+0. ^d 0660	

The ephemerides used to calculate the (O-C) values in Table I are stated below.

DI Peg: J.D. Hel. Min. I = 2,437,527.3776 + 0.^d7118175 E
UX Eri: J.D. Hel. Min. I = 2,438,700.7228 + 0.^d44528226 E
AH Vir: J.D. Hel. Min. I = 2,435,245.6552 + 0.^d4075218 E

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