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PHOTOELECTRIC MINIMA TIMES OF DO CASSIOPEIAE AND
BX ANDROMEDAE

Photoelectric observations of the eclipsing variables DO Cas and BX And were carried out during August 1980 and September 1981, respectively. The observations were carried out using a two-beam, nebular-stellar photometer attached to the 48 inch Cassegrain reflector at the Kryonerion Station of the National Observatory of Athens.

Reduction of the observations was made in the usual way and the filters used are in close accordance to the standard ones. The times of minima have been calculated by Kwee and Van Woerden's method (1956) and are the mean values from B and V observations.

For DO Cas the following ephemeris formulae were used:

$$\text{Min I (Hel JD)} = 2433926.45729 + 0.^{\text{d}}.68466595.E \quad (\text{I})$$

(GCVS, 1976, SAK, 1978)

and

$$\text{Min I (Hel JD)} = 2433926.4573 + 0.^{\text{d}}.6846661.E \quad (\text{II})$$

(Cester et al. 1977)

while for BX And the:

$$\text{Min I (Hel JD)} = 2436528.7777 + 0.^{\text{d}}.61011534.E \quad (\text{I})$$

(GCVS, 1969, SAK, 1982)

and

$$\text{Min I (Hel JD)} = 2443809.8873 + 0.^{\text{d}}.61011508.E \quad (\text{II})$$

(Castelaz, 1979).

From our observations three times (one secondary and two primaries) were reduced for DO Cas and one primary for BX And, they are represented in the following Table the successive columns of which give: the Hel. J.D., the $(O-C)_I$ and $(O-C)_{II}$ according to the two ephemeris formulae for each star, and the type of minimum.

Table I

	Hel J.D.	$(O-C)_I$	$(O-C)_{II}$	Min
	2444000.+	days	days	Type
DO Cas	475.4466	-0.0013	-0.0036	II
	476.4732	-0.0017	-0.0040	I
	478.5239	-0.0050	-0.0073	I
BX And	868.4446	+0.0038	+0.0011	I

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