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PHOTOELECTRIC MINIMA TIMES OF BX ANDROMEDAE

Photoelectric observations of the eclipsing binary BX And were carried out during August and September 1982. The observations were made using a two-beam, nebular-stellar photometer attached to the 48 inch Cassegrain reflector at the Kryonerion Station of the National Observatory of Athens. The B and V filters used are in close accordance to the standard ones.

The minima times have been calculated using Kwee and Van Woerden's method (1956) and are the mean values from B and V observations. The ephemeris formulae used are:

$$\text{Min I (Hel.J.D.)} = 2436528.7777 + 0.^d61011534 \cdot E \quad (\text{I})$$

(GCVS, 1969 ; SAK, 1982),

$$\text{Min I (Hel.J.D.)} = 2443809.8873 + 0.^d61011508 \cdot E \quad (\text{II})$$

(Castelaz, 1979).

From our observations four minima times (two primaries and two secondaries) were found and are presented in the following Table, the successive columns of which give: the Hel.J.D., the (O-C)<sub>I</sub> and (O-C)<sub>II</sub> according to the two ephemeris formulae (I) and (II), respectively and the type of minimum.

T a b l e

Hel. JD	(O-C) <sub>I</sub>	(O-C) <sub>II</sub>	Min
2440000.+	days	days	Type
5213.4622	-0.0023	+0.0052	sec
5217.4266	-0.0037	-0.0013	pri
5218.3475	+0.0021	+0.0095	sec
5220.4784	-0.0024	+0.0050	pri

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 Kwee, K.K. and Van Woerden, H.: 1956, Bull. Astron. Inst. Neth., 12, 327.