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CSV 8871

CSV 8871 = BV 324 was discovered by Strohmeier, and announced as an eclipsing binary ($11^m9 - 12^m5$ ph) (Veröff. Remeis-Sternwarte Bamberg, Bd. V, 5. 1960).

I examined this star on 144 sky patrol plates of the Bruno-H.-Bürgel-Observatory Hartha (JD.2436985-42741) and found that the star was of β Lyrae-type with following preliminary elements:

Min.(hel.) = JD. 2437017.434 + $1^d5146774 \cdot E$ (EB)
($11^m26 - 11^m91 / 11^m88$ ph)

Observed minima:

Min.(hel.) 24...	Epoch	O-C
37017.434	0	± 0.000
045.410	+ 18.5	- .046 (n=2)
39027.430	1327	+ .019
033.483	1331	+ .013
389.404	1566	- .015
41596.301	3023	- .003
599.333	3025	$\pm .000$ (n=2)
958.308	3262	- .004
42036.310	3313.5	- .008

Further particulars will be published in "Mitteilungen der Bruno-H.-Bürgel-Sternwarte Hartha".

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