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PHOTOELECTRIC OBSERVATIONS OF VZ Cnc (HD 73857)

The observations were made during four nights in 1967/68 by Klement and Sterzinger with the 24" refractor of the University Observatory in Vienna. Measurements in the blue and yellow spectral region were obtained around maximum light. In 1974, UBV-observations over two cycles were obtained during two nights by Hahn and Lustig with the 60 cm photometric reflector of the Observatoire de Haute Provence (OHP). From the light-curves we determined the maxima and the moment of occurrence of the median magnitude on the ascending branch $T(\bar{m}), \bar{m} = 0.5 (m_{\max} + m_{\min})$. The reduction of the data brought no changes of either the primary or the beat period. It would be necessary to get long runs over two or three primary cycles to be able to detect a possible variation of the beat period ($P_p = O^{\delta}17836376$, $P_b = O^{\delta}716292$, ref. W.S.Fitch, Ap.J. 121, 690, 1955).

The observational data are summarized in the following table.

Date of Observations	T_{\max} JD hel	$T(\bar{m})$ JD hel	Amplitude	Observers
1967.12.28/29	243 9852.6396	243 9852.6347	0.67	Klement, Sterzinger
1968.01.22/23	9878.5006	9878.4962	0.55	Klement, Sterzinger
1968.01.23/24	9879.3958	9879.3896	0.43	Klement, Sterzinger
1968.02.16/17	9903.4730			Klement, Sterzinger
1974.02.20/21	244 2099.5045	244 2099.4851	0.67	Hahn,Lustig
1974.02.21/22	2100.3915		0.49	Hahn,Lustig

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