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BV - OBSERVATIONS OF CH CYGNI IN 1977

CH Cyg is a well known semiregular variable star which was new classified for spectroscopic reasons as Z And star (GCVS First Suppl., 1971). Two outbursts were observed and a third was announced by visual AAVSO observers (John E. Bortle, AAVSO Circulars No. 79 and No. 80, 1977). Unfortunately the weather conditions were so bad that only four photoelectric observations could be done with the 31 cm refractor at Berlin. An uncooled 1P21 photomultiplier was used behind Schott filter combinations BG 12 + GG 13 for B and GG 11 for V.

	Julian Date	V	B-V	N
2443	287 ^d ,55	6.57	+1 ^m .31	1
	289,44	6.43	+1.32	3
	319,45	6.67	+1.29	2
	328,42	6.60	+1.19	2

The measurements are as good as 0^m.02 in V and 0^m.01 in B-V, N is the number of individual observations.

The magnitudes of the comparison stars were determined with nearby UBV standard stars in two nights. One of the four used comparison stars, SAO 048428(F8), may be slightly variable as indicated by unusually great scattering of the measurements.

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