

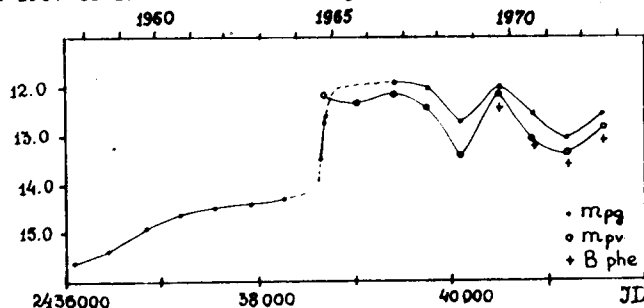
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ON THE PHOTOMETRIC HISTORY OF V 1329 CYGNI = HBV 475

The photographic and photovisual light curves of V 1329 Cyg were derived from its magnitude estimates on about 600 plates of Odessa Observatory, taken in 1957-72. The photographic observations were made on ORWO ZU-1 plates with Zeiss objective, the photovisual ones on ORWO ZP-1 plates with C-18 filter. The B magnitudes of the comparison stars were adopted according to Kohoutek and Bossen (1), the V magnitudes were determined from the photoelectric observations obtained with the 60 cm reflector of the Sternberg Institute Crimean Station.

The results are given in the Figure. The observed slow increase of the star's brightness from 15.<sup>m</sup>4 to 14.<sup>m</sup>2 during the period 1957 to 1963 was followed by a sharp rise to 11.<sup>m</sup>9 in 1964.



During the maximum of brightness long-period variations with a range of 1 mag. were present, confirmed by photoelectric observations in 1969-72 (1-3). Our photoelectric observations of V 1329 Cyg in photometric system close to UBV are given in the following Table.

J.D.	n	V	B-V	U-B	J.D.	n	V	B-V	U-B
2441...					2441...				
236.4	1	13. <sup>m</sup> 04	+0. <sup>m</sup> 49	-0. <sup>m</sup> 62	252.4	2	12. <sup>m</sup> 96	+0. <sup>m</sup> 56	-0. <sup>m</sup> 60
237.4	2	12.97	+0.56	-0.56	596.4	2	12.74	+0.22	-1.20
238.4	2	12.98	+0.55	-0.63	597.4	2	12.53	+0.48	-1.17
239.4	3	13.02	+0.54	-0.63	598.4	2	12.51	+0.48	-1.12
240.4	3	12.97	+0.55	-0.59	604.4	2	12.41	+0.50	-1.14
246.4	2	12.96	+0.59	-0.68	605.4	2	12.42	+0.50	-1.10
					618.4	2	12.80	+0.36	-0.99

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1 Kohoutek, L. and Bossen, H. 1970, ApLetters 6, 157.  
 2 Chartrand, M.R. and Steinon, F.M., BAAS 2, 186, 1970.  
 3 Bossen, H. 1972, IBVS No. 722.