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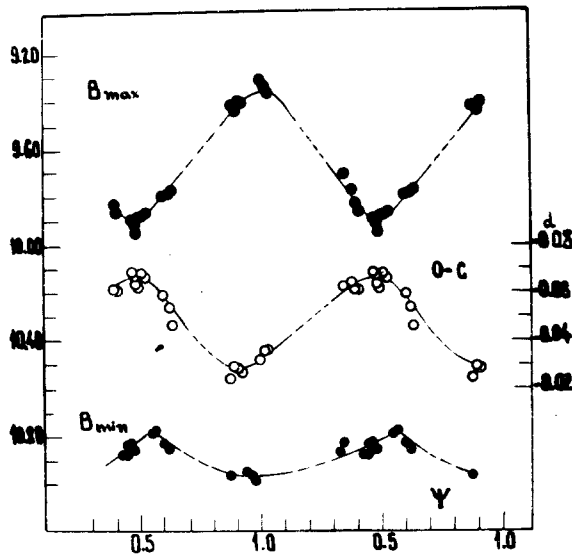
PHOTOELECTRIC UBV OBSERVATIONS
 OF THE RR LYRAE-TYPE VARIABLE XZ CYG

The variable XZ Cyg has been observed photoelectrically at the Odessa Observatory near Majaky (USSR) with the 22-inch reflector, during the period from August 7 to October 16, 1972.

Max.hel.	O-C	Max.hel.	O-C	Max.hel.	O-C
2441...					
537,3312	-0,0608	564,4249	-0,0239	573,2764	-0,0358
541,5233	-0,0672	565,3529	-0,0289	591,4432	-0,0623
543,3882	-0,0682	566,2864	-0,0284	593,3077	-0,0639
544,3236	-0,0658	567,2214	-0,0264	594,2432	-0,0614
548,5291	-0,0588	571,4141	-0,0322	598,4346	-0,0685
550,4078	-0,0461	572,3438	-0,0355	599,3725	-0,0636
				607,3132	-0,0533

The table shows the moments of the nineteen maxima obtained in B and the corresponding O-C's. The data for O-C were calculated with the elements:

$$\text{Max.hel.} = 2440445,789 + 0,466497 \cdot E:$$



The figure shows the change of the B magnitudes at maxima and minima and the corresponding O-C values versus the phase ψ of the secondary cycle. The phase ψ was calculated with the help of the elements:

$$\text{Max. A. J.D.} = 2441571,50 + 57,52 \cdot N$$

which we have found for our observing season.

The B-max curve is displaced with respect to the O-C curve by 0,12 of the secondary cycle.

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