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PHOTOMETRIC BEHAVIOUR OF DR TAURI IN THE SEASON
1986/87

In completing and supplementing the light curve in B the star was measured on 37 blue-sensitive plates (ORWO-ZU21 + GG13 + BG12) from 20 nights obtained with the 50/70/172 cm Schmidt camera of Sonneberg Observatory covering the time interval between 4 September 1986 and 23 February 1987. The measurements, which are listed in Table I and which are given in the light curve in Figure 1 were linked to the previous sequence of comparison stars given in the IBVS No. 2172.

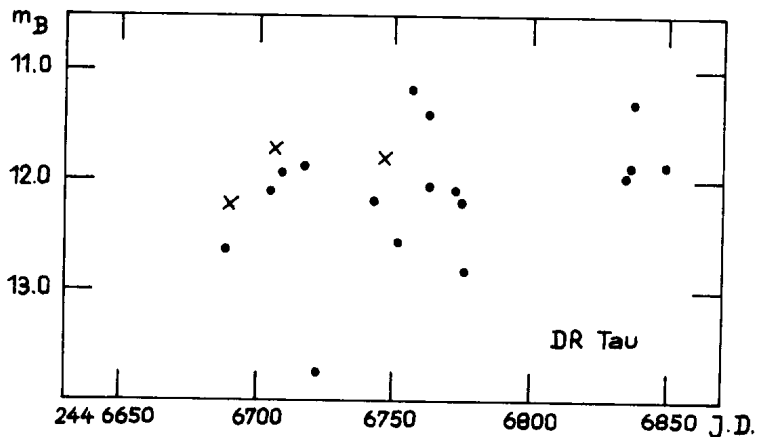


Figure 1

Table I

J.D.	m_B	J.D.	m_B
244....		244....	
6678.586	12. ^m 63	6741.567	11. ^m 26
6679.570	12.22	6745.590	11.53
6704.502	11.87	6745.609	11.22
6704.522	12.16	6746.586	12.05
6704.544	12.20	6746.603	12.03
6705.529	11.83	6762.465	12.04
6705.556	11.59	6762.486	12.17
6707.497	11.84	6763.452	12.18
6707.516	12.00	6763.472	12.21
6713.576	11.90	6764.436	12.83
6713.595	11.82	6826.340	11.92
6716.601	13.72	6826.376	11.98
6716.638	13.78	6827.333	11.87
6731.422	12.28	6827.353	11.89
6733.607	11.93	6828.300	11.34
6733.626	11.70	6828.319	11.27
6737.508	12.64	6850.288	11.79
6737.530	12.47	6850.308	11.92
6741.509	11.28		

The light curve shows the star in an active phase. This behaviour is expressed by a total amplitude of $\Delta m_B = 2.^m56$ and by short-time light depressions and brightness increases starting from a normal light at $m_B \approx 12.^m04$.

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