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PHOTOELECTRIC OBSERVATIONS OF AD Leo

The photoelectric observations of the flare star AD Leo were carried out at the Crimean Astrophysical Observatory during the period of February 18 - March 4, 1971. The total time of continuous monitoring in the B photometric system was equal to 26.6 hours.

The moments of the beginning and the end of continuous monitoring are given in Table I. Table II contains the time of maximum of the flares observed, duration before and after the maximum, t_b and t_a , relative intensities at maximum $(I_{f1}-I_0)/I_0$, errors of observation σ/I_0 , integrated intensities P and air masses F(z). The light curves of flares are presented on figures.

Table 1

Date 1971	Coverage (UT)
Febr. 18	17 01-17 16, 17 34-17 36, 17 37-18 15, 18 16-20 55, 20 59-22 24, 22 28-22 37, 22 42-23 20, 23 21-24 00.
Febr. 19	00 00-00 44.
Febr. 20	17 08-17 28, 17 30-19 29, 19 30-19 46, 19 48-21 33, 21 35-21 45, 21 47-21 53, 21 59-22 03, 22 06-22 15, 22 19-22 34, 22 36-24 00.
Febr. 21	00 00-01 09, 17 35-19 38, 19 39-22 31, 22 32-23 01, 23 03-23 11, 23 12-24 00.
Febr. 22	00 00-03 00, 17 01-17 39, 17 51-18 15.
Febr. 23	17 32-18 02, 18 05-18 19, 18 20-18 29.
Febr. 25	00 57-01 32.

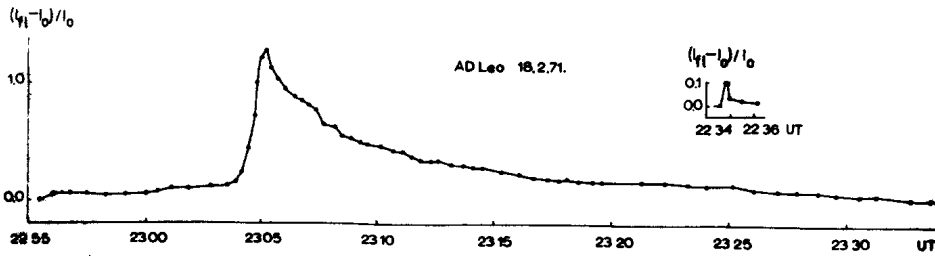


Table 2

Date	UT _{max}	t_b	t_a	$(I_{fl} - I_0)/I_0$	σ/I_0	P	F(z)
Febr.		minutes				min.	
18	22 34.8	0.2	1.4	0.09	0.02	0.04	1.11
18	23 05.3	9.8	29	1.27	0.02	8.47	1.12

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Correction to IBVS No. 176

Star name	Printed	Read
RW CMa	28201.83+5.72941 E	27021.68+5.72906 E
RW Cas	37168.23	37158.23
UX Per	4.97247 E	4.56581 E