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PHOTOGRAPHIC OBSERVATIONS OF THE SUPERNOVA 1970-j IN NGC 7619

Photographic observations of the supernova Rosino 1970-j in NGC 7619 were carried out in October 1970 at the observing station in Tien-Shan mountains by a Schmidt telescope (38/52/93 cm). The observations were made in the instrumental photometric system that was close to the Johnson's UBV-system. The plates were reduced with the iris photometer of the Engelhardt Astronomical Observatory. The plate background was automatically taken into account. The B and V magnitudes of the comparison stars around the supernova were taken from the paper of R. Barbon et al. (Mem. Soc. Astr. Italiana, 44, No. 1, 65, 1973). For determining the u magnitudes the stars in NGC 6866 and NGC 7062 taken from the paper of Johnson et al. (Publ. U.S. Naval Obs., Second Ser., XVII-Part VII, 1961) were used.

In Table 1 are listed the number of plate, date, UT, and u, b, v magnitudes of the supernova in the system of our Schmidt telescope. The error of one observation does not exceed 0,1 magn. The uncertain results are marked by colons.

Table 1

NN	Date 1970	UT	u	b	v
1232	7 Oct.	17 ^h 49 ^m 37 ^s	14 ^m 50	-	-
1235	8	16 41 31	14.60	-	-
1236	8	17 15 31	-	14.30	-
1237	8	17 37 31	-	14.15	-
1243	22	14 00 56	-	15.20	-
1245	22	15 33 26	15.40	-	-
1248	23	14 29 49	-	15.30	-
1249	23	15 03 49	-	-	14.80:
1250	23	15 48 49	15.50	-	-
1253	24	15 00 42	-	15.50	-
1254	24	15 57 12	-	-	15.45:
1255	24	16 59 42	15.50	-	-
1259	25	14 32 34	-	-	15.50:
1260	25	16 17 34	-	15.70	-
1261	25	17 34 04	15.60:	-	-

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