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NEW BRIGHTENING OF SUGANO'S OBJECT IN ORION ASSOCIATION

The fuorlike variation of the brightness of Sugano's object ($\alpha = 5^{\text{h}}33^{\text{m}}06^{\text{s}}.5$ (1900); $\delta = -4^{\circ}20'11''$ (1900)) was for the first time observed during 1982 - 1985 (Marsden 1983, Natsvlshvili 1984).

The photographic magnitude of Sugano's object in minimum is about 18^{m} .

The duration of the flare was about three years. By the observations on the 40" Schmidt telescope of Byurakan Observatory on 19 November 1983 the following colour indices and amplitudes were found (Parsamian, Gasparian 1987):

U - B	B - V	V	Δm_U	Δm_B	Δm_V
-0.7	0.3	14.6	-4.3	≥ 2.9	> 2.6

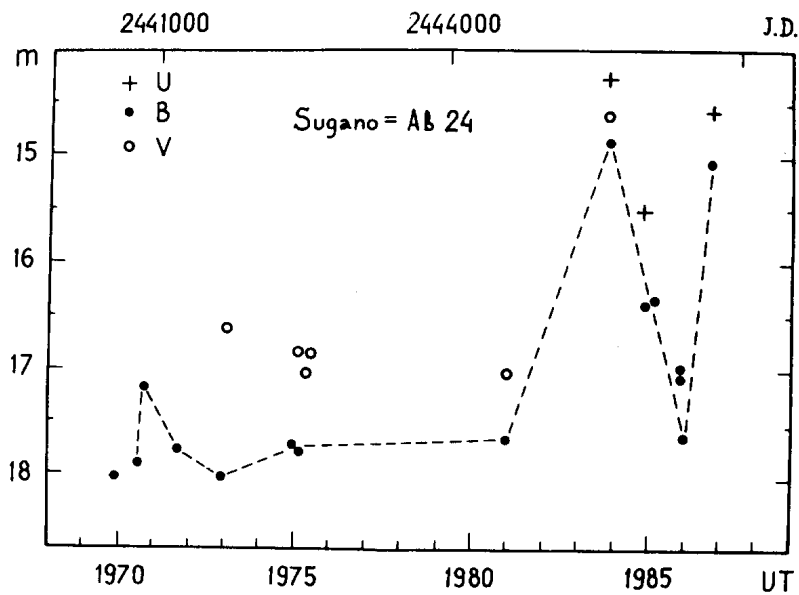


Figure 1

The star demonstrated a rapid flare of amplitude $\Delta m_B \approx 0.6$ on our plates taken on 12 September 1970. On the plates from 4 and 5 November 1986 a new brightening of the star ($U = 14.6$; $B = 15.09$; $U-B = -0.49$) was observed.

The light curve of Sugano's object is given in Fig. 1.

K.G. GASPARIAN

G.B. OGANIAN

E.S. PARSAMIAN

Byurakan Observatory,
Armenia, USSR

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