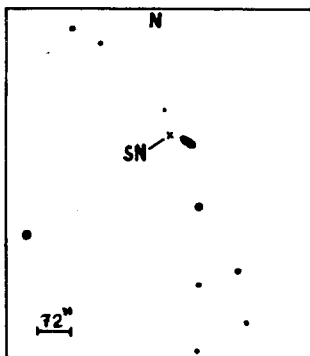


COMMISSION 27 OF THE I. A. U.
INFORMATION BULLETIN ON VARIABLE STARS
NUMBER 785

Konkoly Observatory
Budapest
1973 April 25

SUPERNOVA 1968 IN NGC 4975

A supernova has been discovered by the writer in NGC 4975 ($RA=13^h05^m.4$, $D=-4^{\circ}45'$; 1950) while looking at a photograph taken by M. Lovas on the 23rd April, 1968 with the 600/900/1800 mm Schmidt-telescope of the Konkoly Observatory. It is the same plate on which Lovas has found the supernova 1968i in NGC 4981 (No.215 in Kowal and Sargent's list, AJ 76, 756, 1971). Thus, for the first time two supernovae were discovered on just the same plate.



The supernova is 36"N and 12"E of the centre of NGC 4975 as shown in the Figure. Its brightness was of magnitude 15 on 23rd April, 1968. It was definitely fainter on a plate taken two days later.

R.G. MNATSAKIAN
Byurakan Astrophysical Observatory
now working at
Konkoly Observatory, Budapest