

## ABSTRACTS

The METEOR is a bimonthly circular of hungarian amateur astronomical observers. Our adress is: TIT Urania Observatory. Budapest I., Sanc utca 3/b. /H u n g a r y/

Is it worth while ..? /p.2/. On amateur and Planetary observations.

A new comet: the TOBA 1971a. /p.3/.

Observation of the planet Jupiter. /p.4/ L. Bartha.Part.II. Demetermination of the jovigraphic coordinates.

Interesting variables in the Delphinus. /p.7/ With a map.

Work of the Meteor- and fireball Observation Network /p.9/ S. Keszthelyi and Cs. Mezosi.632 observation were made by 5 observers in 1970. On. 29. July 1970. probably a new meteor swarm was observed, with a RA =  $0^h24^m$  and Dec. =  $+26^\circ$  radiant and of a density of 15 meteor per hour. It woud be desirable to chek it.

Development of sunspot number between 1967 and 1970. /p.10/ A. Kancsura.Observation made on three Hungarian and a Rumanian /Mr. Irimies Romulus, Kolozsvar-Cluj/ station concerning relative sunspot number are running parallel with foreign resuts. Causes and correction of deviatations are dealt with.

## Observations

Dychotomy of the Venus in 1971. /p.11/ L. Bartha and Cs. Mezosi. At times of the W-elongation of 1971. the dychotomy was late by 6 days in integrated light and 4 days looked upon through a blue filter.

Slow variation of the light gamma Cas. /p.12/ S. Nagy. Between 1957 and 1970 Hungarian amateurs made more as 2000 brightness determination of Cas and average computed from half -year-ly sums is sown in diagram 2., page...

Observation of occultation. /p.11/ J.Papp. Made with a 15 cm reflector, date of immersion 4-th April 1971: $0^h47^m23^s.2$  UT  $\pm$  0,2 sec. Geographical coordinates: =  $47^\circ29'$  N and =  $19^\circ10'$  E from Greenwich.

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