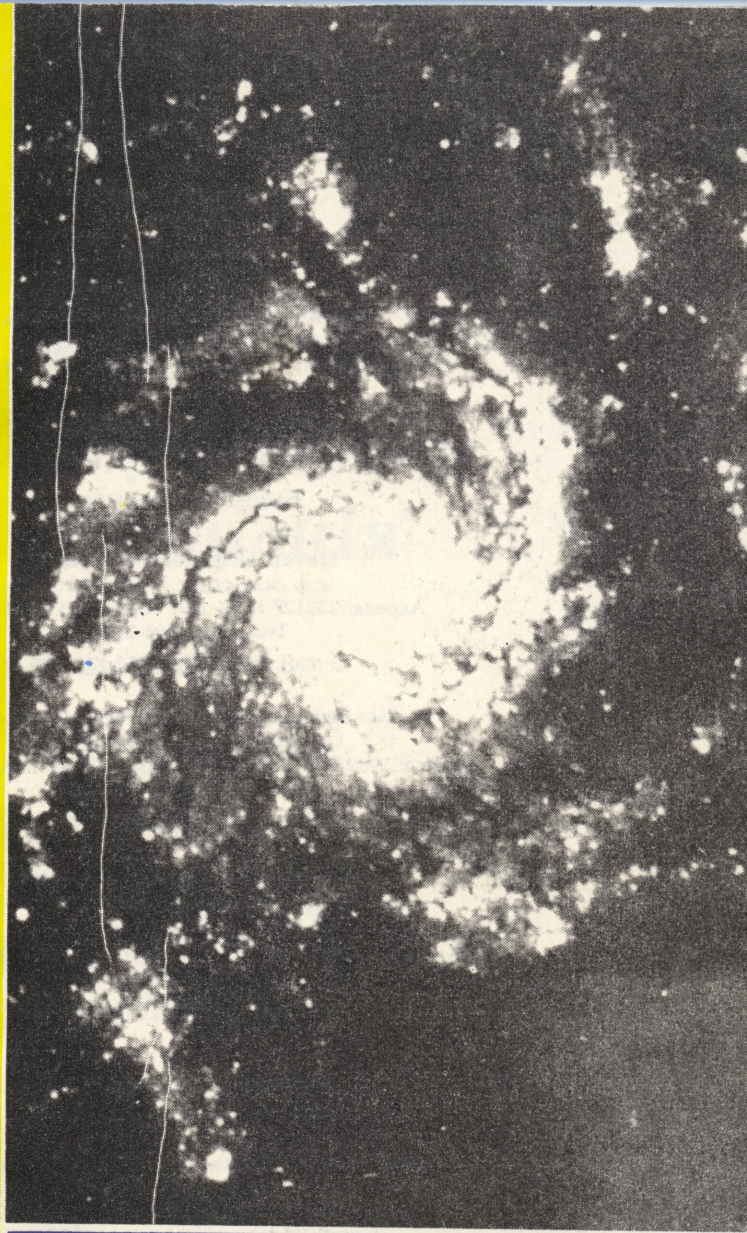


ІНФОРМАЦІЙНИЙ БЮЛЕТЕНЬ

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MYKOLAIV AMC: CURRENT RESULTS OF OBSERVATIONS AND INVESTIGATIONS

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The principal details and technical possibilities of the Mykolayiv automatic Axial Meridian Circle (AMC) permit to use it efficiently for the maintenance and densification of the Hipparcos and Tycho catalogues as well as for increase of the linking accuracy between the Hipparcos and ISRF reference frames. Since 1996, the observation of 12-14 magnitude secondary reference stars from the GSC in the fields around 400 extragalactic radiosources for declination zone from $+90^\circ$ to -20° were started with the AMC. The positions of the initial reference stars were selected from the HC. In addition, the Tycho stars were observed in the selected fields. The observations were carried out by CCD method of short strips. We have observed about 2060 strips around 209 ERS with 65000 stars from the GSC, TC and 3100 strips with the HC stars. The observation and investigation as well as a current reduction are followed out.
