

Poster paper

OPTICAL OBSERVATIONS OF NGC1156 GALAXY IN NARROW BAND [S II] AND H α FILTERS

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We present observations of the Magellanic-type dwarf irregular galaxy NGC1156 in narrow band [SII] and H α filters, carried out in November 2015 with the 2m RCC telescope at Rozhen National Astronomical Observatory in Bulgaria. Although our observations were with the intention to find new extragalactic supernova remnant candidates, we were successful only in the detection of HII regions.

Poster paper

EVOLUTION IN THE SYSTEM CORONA-DISK

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This paper considers magneto-hydrodynamics of the system disk-corona. We will researching the structuring of the flow on the secondary component. Analyze the influence of the distributions on boundary with the primary component. Discusses the significance of the type of the border for exchange of energy between components.