

OPTICAL VARIABILITY OF DIFFERENT TYPES AGNs OBSERVED FROM ROZHEN OBSERVATORY

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Active galactic nuclei are the most luminous and variable objects in the Universe. It is still not known enough about the nature and characteristics of the optical variability of this kind of objects and it is important to monitor different types of AGNs to find more information about the accretion disc structures and properties, and respectively information of the central engine of the system.

We present our first results of long slit spectroscopic monitoring of different types Active Galactic Nuclei.

The data were taken with 2m RCC Telescope of Rozhen Observatory in 2015 for ~ 140h with specific light-reciever called FoReRo2 (two-channel Focal-Reducer Rozhen).

The result includes observations, reductions and light curves of broad emission lines and analysis of the data.

We are still selecting objects for future reverberation mapping campaigns.