

Research on variable stars at the Astronomical Observatory on Kolonické saddle

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The paper presents the history of observations of variable stars at the Astronomical Observatory on Kolonický Sedlo. The observational program focused on the research of variable stars is constantly under development. We started with the visual observation of eclipsing binaries. Physical variables were added later. Observations were usually made only during expeditions and astropractices. CCD photometry was started after the arrival of a permanent observer in March 2006. The first test measurements on a two-channel photoelectric photometer were performed in September 2006. The number of observed types of objects grows with the development of observation technology. A long-term concept of observations was created, which is gradually being fulfilled. The main targets are: intermediate polars, close binaries, cataclysmic variables with superhumps and semi-regular variables. Recently, active galactic nuclei have also been added. We also present milestones in the development of observational techniques, the most important results and publications.

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