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OPTICAL MONITORING RESULTS OF BLAZAR PKS1222+216 (12+3)

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We present the results of photometric observations and research of blazar PKS1222+216 with high temporal resolution (30–60 s) in the B, V and R filters of Johnson/Bessel system. The observations were performed with the AZT-8 (D = 0,7 m; F = 2.8 m; CCD PL4710-1-BB-E2V) telescope of the observation station Lisnyky of Astronomical Observatory of Taras Shevchenko National University of Kyiv during 2018-2020. The fluxes of energy from the research object have been turned into visible stellar magnitudes using the standard stars. The substrate, dark current, flat-field were taken into account during processing. Light curves for PKS 1222+216 were plotted and they were examined for the apparent magnitude variations over the observation period. Intraday variability was investigated too. The variability of colour indexes with time was plotted. The correlations between changes of brightness in optical and gamma ranges were detected in addition.

Primary author: Ms KULISH, Kateryna (Taras Shevchenko National University of Kyiv, Kyiv, Ukraine)

Co-authors: SIMON , A.O. (Taras Shevchenko National University of Kyiv, Kyiv, Ukraine); IZVIEKOVA , I.O. (Main Astronomical Observatory of NAS of Ukraine); VASYLENKO , V.V. (Taras Shevchenko National University of Kyiv, Kyiv, Ukraine)

Presenter: Ms KULISH, Kateryna (Taras Shevchenko National University of Kyiv, Kyiv, Ukraine)

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