

COLOR VARIABILITY OF SOME QUASARS IMPORTANT TO THE ICRF – GAIA CRF LINK

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Observations of 47 candidate sources important for the ICRF – Gaia CRF link have been carried out by using two telescopes at the Astronomical Station Vidojevica (of the Astronomical Observatory of Belgrade) and the one at the Rozhen National Astronomical Observatory (Bulgaria). We tested brightness variability of five candidate sources using the F–test. For the four variable objects we estimated sinusoidal parameters of quasiperiods of their light curves using the method of Least Squares. The color variability for the period from July 2016 to August 2019, and color-magnitude variability for the same period are presented here.

