

## **DYNAMYCS OF SOME NEO ASTEROIDS**

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During 2018-2021 in the Baldone observatory, 49 new asteroids were discovered and more than 6000 astrometric positions for 1122 asteroids were published in MPC circulars. In this period in 221 observation nights were obtained 5544 CCD images, which covered 648 square degrees of sky. Of them, 3412 CCD images were devoted to studying the dynamics of 25 NEO-type asteroids. For asteroids, rotation periods and amplitude of brightness variation in the G(RP) passband were obtained. Photometric data reductions for the CCD images were done using the MPO Canopus, Lemur and MaxIM DL programs. Through 15 minutes steps using Fourier analysis were determined the best size of periods. The G(RP) photometric magnitudes for reference stars were taken from Gaia DR2 release.

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