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Lightcurve Photometry of (2525) O'Steen with the new "Milanković" 1.4 m telescope

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The Astronomical Station (AS) Vidojevica, located on the Vidojevica mountain, has been established by the Astronomical Observatory of Belgrade. A new ASA AZ1400 "Milanković" Ritchey - Chrétien 1.4m telescope was mounted in April 2016 and in September 2018 the telescope was placed in the newly constructed automated dome. The asteroid (2525) O'Steen, a member of the Themis asteroid family, was observed with the "Milanković" telescope on 28 March 2017. Recently, it was showed that O'Steen and some other Themis members might have a low-level cometary activity. Our main aim is to use the light-curve of O'Steen obtained at the AS Vidojevica, in combination with light-curves from other observatories obtained during previous apparitions at various geometric conditions, to calculate the asteroid's spin vector, rotational properties and estimation of its preliminary shape model. We acknowledge the support of the European Commission through the project BELISSIMA and the support from the Ministry of Education, Science and Technological Development of the Republic of Serbia through the project 176011.