

Abstract Submitted
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O-C Calculations for Two New Binaries and V1097 Herculis

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— We report the results of time-resolved CCD photometry of two new binaries and V1097 in the constellation Hercules. Our observations were carried out using a six-inch, wide angle lens astrograph with a set focal length of 200 mm, three-degree field of view and f/1.5 stopped down to an f/2.8 in Pitkin, Colorado in the R band for 35 nights during the early summer of 2012. We exposed each image for one minute and took 300 images per night, obtaining 10,500 images in total. Using Peranso software, Lomb-Scargle period analysis was carried out for the binaries. We will present the O-C calculations for the two new binaries, GSC 2087- 0364, GSC 2083-1870 as well as for V1097 Her.

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