

EXTRAORDINARY HIGH-AMPLITUDE QPOs OF ASYNCHRONOUS POLAR BY CAM AT DIFFERENT BEAT PHASES

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The long-term photometrical data of the asynchronous polar BY Cam obtained with 60-cm and 35-cm telescopes of the Terskol observatory during 38 nights in 2008 - 2009 are analysed. The short-time resolution (10-30 s) of observations allowed to conclude that there are the quasi-periodical oscillations (QPOs) of brightness which occur mostly in a region of 1.5 - 15 min showing varying amplitudes up to 0.5 magnitudes. The behavior of the high-amplitude QPOs in dependence of the synodical cycle as well their possible nature is considered.