

SUPEROUTBURSTS OF SELECTED NEW SU UMA- AND WZ SGE-TYPE STARS

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We present the results of our observations of selected new SU UMa- and WZ Sge-type stars which have been in outbursts during 2007–2009 years. SU UMa- and WZ Sge-stars are a subclass of dwarf novae close binary systems (consisting of the red and white dwarfs) with very short periods, at the average about of 1.5 – 2 hours. The photometrical observations of such systems as SDSS J081207.63+131824.4, OT J080714.2+113812, OT J0807+1138 etc have been carried out with the telescopes of Crimean laboratory of SAI and Slovak Academy of sciences. We investigated photometric behaviors SU UMa- and WZ Sge-stars during their superoutbursts and on the decline of outbursts. The comparison of properties of these SU UMa- and WZ Sge-stars in quiescence and in outburst are studied. Statistics of some features of these close binary systems on the base of our and published observations are presented.