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Follow-up Photometry of New Eclipsing PCEBs from the Sloan Digital Sky Survey: SDSS J214140.43+050730.0

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Post common-envelope binaries (PCEBs) are known as one of the end products of the complex common-envelope process. These systems typically consist of white dwarf star with a low mass companion. While most of PCEBs usually have short orbital periods of a few hours, some systems are found to be in long (>1 day) period. In this work, we present the preliminary result of our follow-up photometric observation on SDSS J214140.43+050730.0 by using the 2.4m Thai National Telescope with ULTRASPEC instrument. The system is a new cataclysmic variables (CVs) which is listed among the recently found white dwarf main sequence binaries from the Sloan Digital Sky Survey. The observation for SDSS J2141+0507 is done on 9th, 22nd, 24th and 25th December 2014 in the SDSS g' filter, $KG5'$ filter, r' filter and i' filter, respectively. Our preliminary result on SDSS J2141+0507 show that T0(HJD) and an orbital period are 2457014.00774986 and 0.05469 days, respectively.

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