

Abstract Submitted
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Observations and Modeling of Two New W UMa Stars NICK HEDLESKY, University Of Dallas — W Ursae Majoris (W UMa) binary stars are important in the investigation of the the evolution of close contacting binary stars. We present the discovery of two new W UMa binary stars in the boundary between the Lyra and Hercules regions: USNO-B1.0 11159-0266370 and 1154-0266276. Using time sequenced differential photometry and PHOEBE we determined the characteristics and classifications of systems and created a preliminary models, which will be presented.

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