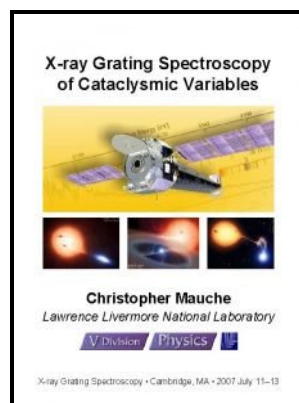


Visible and infrared studies of cataclysmic variable stars.

California Institute of Technology - Variable Stars and the Stories they Tell



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Cataclysmic variable star

Do's research interest is in understanding the formation of the nuclei of galaxies. We again expect an M5 dwarf donor at this orbital period, as we did for both VW Hyi and Z Cha.

Peter Garnavich Personal

These binaries irregularly increase in brightness by a large factor, then drop down to a quiescent state. We have been unable to find any other information about the possible spectral type of the secondary star. While we are dealing with a small sample size, a few general trends are clear: pre-CVs, sub-gap systems, and highly magnetic polars generally show normal CO band strengths.

The orbital period and negative superhumps of the nova

The white dwarf becomes so hot that its top layer which will tend to be dominated by hydrogen atoms will be able to undergo a thermonuclear explosion. He received his degree from the Institute for Astronomy at the University of Hawaii at Manoa in 2018.

AAVSO Cataclysmic Variables Section

Instead, nuclear fusion reactions can be a major source of energy. In fact, Donati et al. Studies of CVs in X-rays therefore reveal the details of the accretion process near the primary.

ShieldSquare

The hot spot is where matter from the normal star meets the accretion disk. While we were able to obtain a well-corrected spectrum for each system, the resulting radial velocity curves were extremely noisy and are not presented here.

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