

PROMPT - AN EFFECTIVE TOOL FOR STUDIES OF PULSATING STARS

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The Panchromatic Robotic Optical Monitoring and Polarimetry Telescopes (PROMPT) are a system of 0.41-m telescopes at CTIO in Chile built primarily for rapid and simultaneous multi-wavelength observations of gamma-ray burst afterglows. When not observing gamma-ray bursts, PROMPT is an indispensable tool for studies of pulsating stars. To illustrate its effectiveness, we present the O-C diagram for the sdBV_r star CS 1246, including \dot{P} measurements and other intriguing results. The diagram was constructed from nearly 30,000 individual frames representing over 250 hours of time-series photometry.