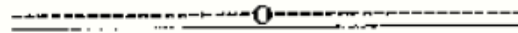


TITLE: Photometry of Cataclysmic Variable Stars
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The aim of this project is to determine a light curve using differential photometry for a variable star. Photometry is a technique used to measure the magnitude of the star in the "light" region of the electromagnetic spectrum. The method utilized in this project is reduction whereby background errors such as noise from the apparatus (CCD in telescope).

There are three (3) ways of reduction: Bias, Darks and Flats. This is done by using Max DL software which calibrates the light curve. The star used in this project is YY Draconian, which is a white dwarf nova. This is an intermediate polar star that consists of two (2) stars; a companion star (also referred to as a neutron star), and an accretion disc.