

Abstract Submitted  
for the TSS09 Meeting of  
The American Physical Society

**A Tale of Two Variable Stars** STEPHEN P. COOK, Trinity Valley School — During a year-long program of CCD photometric monitoring of eighty five Cepheid variable (pulsating) stars searching for period changes associated with their stellar evolution, a serendipitous discovery of a new, bright eclipsing binary star— the early-type, high luminosity emission line star BD+48 1098—was made in the same field as that of the well known pulsating star BM Persei.

Stephen P. Cook  
Trinity Valley School

Date submitted: 27 Feb 2009

Electronic form version 1.4