Presented at the Computer Workshop:

VARIABLE STAR/ASTEROID APPULSE PREDICTING

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Abstract

A program is demonstrated that calculates appulses of asteroids with variable stars. The program considers 196 variable stars with 175 asteroids with mean opposition photographic magnitude of 12.7 or brighter.

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THE COMPUTER AS A TOOL IN PHOTOELECTRIC PHOTOMETRY

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Abstract

A program of photoelectric photometry using an Optec photometer and a Celestron 8 is being carried out on ten RS CVn stars for Dr. Douglas Hall, Vanderbilt University, Nashville, TN. Personal computers are readily adapted to our observing program. Programs used on Apple IIe and Commodore computers to reduce our data are described.

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