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LIGHT VARIATIONS OF THE Be STAR HD 63462

Classified BOVpe? in the Bright Star Catalogue and B1IV?nne by Hiltner et al. (1969) this star has been little observed so far. Merrill and Burwell (1943) note H $\alpha$  in emission in December 1934, the profile being somewhat unsymmetrical. Jaschek et al. (1969) characterize the spectrum in March 1966 as almost continuous with strong central emission in H $\beta$  and all other Balmer lines practically flat. Henize (1976) finds moderately sharp and rather weak emission in H $\alpha$ . Photometry by Feinstein (1968) suggests marginal photometric variations, Buscombe & Kennedy (1965) report radial velocity variations.

UBV observations of HD 63462 relative to HD 60863 were obtained on 15 nights between January 16 and January 31, 1977 using the Bochum University 61cm telescope at La Silla, Chile. Reduction procedures were the same as those described by Stift (1978). Combining all observations made within an interval of less than 1 hour leads to an internal precision of  $\sim 0^m.003$ . A plot of the observations versus Julian Date is shown in Fig. 1. Variations on a time scale of a few days attain  $0^m.02$  in V, colour variations are marginal. No periodicity can be found; HD 63462 shows irregular or semiregular behaviour similar to that of the other Be stars where light curves are available (e.g. HD 88661, HD 174237, HD 187399).

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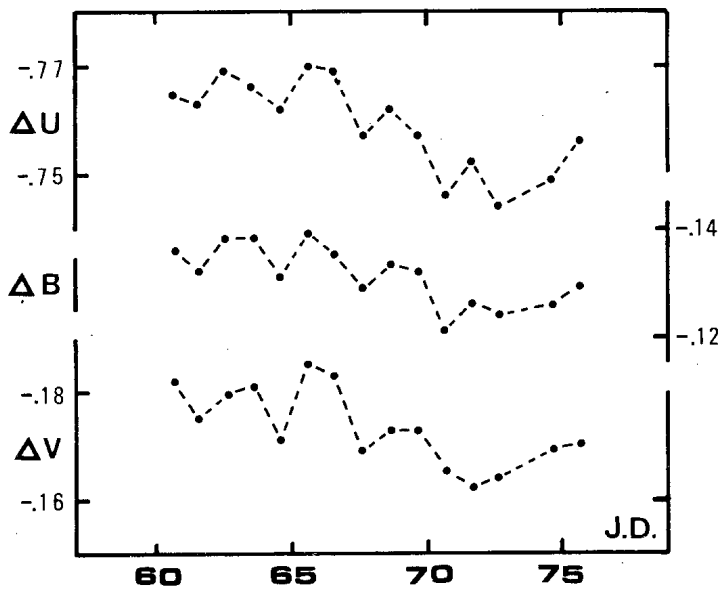


Figure 1: Observations of HD 63462 relative to HD 60863 plotted versus J.D. - 2443100.

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