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REQUEST FOR PHOTOMETRIC OBSERVATIONS OF U CEPHEI

From summer, 1974 to late 1976, U Cep has undergone a series of transient mass-transfer event. These were accompanied by major photometric anomalies inside and outside primary eclipse (Olson, 1976, 1977a). Evidence has been found for an H⁻ emission shell around the cool component (Olson, 1977b). Large brightness variations on time scales of hours to months were observed during much of this interval. In an attempt to fill in large gaps in the observations, I am soliciting all photoelectric filter photometry made during the above interval. Experience suggests that even fragmentary observations, at any orbital phase, maybe of assistance.

Please identify comparison stars and include magnitudes (if available, and if HD 6006 was not used). If photometry is non-standardized, include effective wavelengths of filter-photomultiplier combination. Indicate also if the nearby visual companions were excluded from the observations. Any observations received will be properly acknowledged.

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References:

- Olson, E. C. 1976, *Astrophys. J.*, 204, 141.
———. 1977a (submitted to the *Astrophys. J.*)
———. 1977b (submitted to the *Publ. A. S. P.*)