

A NOTE ON DL CASSIOPEIAE

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Abstract

The nature of the period changes of DL Cas is still ambiguous.

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The period of the 8-day Cepheid, DL Cas in NGC 129, has been reported to be changing. However, the nature of the change is still ambiguous. Hoffleit (1971) found three functions that represented the changes through 1971 fairly well, with an abrupt change at about JD2431000 being somewhat preferred over either progressive or cyclical changes.

I have now examined the 113 plates on the region that have accumulated since 1971. All three of the functions previously found are still acceptable. Further observations over a longer time-span will eventually lead to a better understanding of the star's changing period.

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REFERENCE

Hoffleit, D. 1971, Information Bull. on Variable Stars, No. 607.