

período pero no permiten obtener conclusiones respecto al valor de K_1 .

Red spectra taken at Mount Wilson and at Lick confirm Widing's conclusion that 17 Leporis is a binary system and that the secondary component is a late type star. Widing's tentative period has been improved to 258.2 days, and values of $K_2 = 22.5$ km/sec and $f(\pi_2) = 0.30 \odot$ have been derived. The primary star's velocity curve will have to be derived from the Mg II λ 4481 line but the presently available material in the photographic region is not sufficient for the purpose. Struve's earliest Yerkes radial velocities from Mg II λ 4481 seem to confirm the period but nothing is suggested in regard to the value of K_1 .

TECNICA FOTOGRAFICA PARA LA PRUEBA DE LA CAUSTICA

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Basado en propiedades de la prueba de la cáustica visual, el autor ha desarrollado una técnica fotográfica capaz de documentar en forma objetiva las características de las superficies ópticas cóncavas que pueden ser estudiadas con la cáustica visual.

Las placas obtenidas se miden por medio de una máquina capaz de medir en dos coordenadas y se reducen aplicando métodos conocidos. El acuerdo entre el método visual y el fotográfico es bueno y mejora a medida que aumenta la relación D/F. Se presentan esquemas de instalación, planillas de medidas y reducciones y gráficos comparativos del método visual y la técnica fotográfica.

El trabajo será publicado completo en otra parte.

Based on some properties of the visual caustic test, the author has developed a photographic technique capable of rendering an objective document about the features of concave optical surfaces which are measurable with the visual caustic test.

The plates are measured in a machine capable of measuring in two coordinates and are reduced following well known methods. The agreement between the visual and photographic methods is good and improves at high D/F ratios. Drawings of the apparatus are presented along with measurement and reduction sheets and graphs comparing the visual method and photographic technique.

The complete paper will be published elsewhere.

viene del trabajo anterior

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