

ÉSTRELLAS TEMPRANAS DEFICIENTES DE HELIO - EARLY-TYPE HELIUM DEFICIENT STARS

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Attention is called upon a group of stars in which the spectral types and the photoelectric colors disagree, the colors being too blue for the spectral types. Although a certain number of these objects is well known -the peculiar stars of the so called " $\lambda 4200$ " group- the authors found a number of additional stars definitely not peculiar but exhibiting a too blue color. The objects observed so far from La Plata can be divided into two groups whose common characteristics are the weak He I lines, corresponding to a later type (B 8) than their colors indicate (B 5), and whose differences consist in the strength of the C II lines. In one group, C II is normal for the colors, while in the other group it is normal for the strength of the He I lines.

More objects of this group are being observed.

EL ATLAS ESPECTRAL EN 42 A/mm., TIPOS O-F 5 - THE SPECTRAL ATLAS, TYPES O-F 5

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Details are given about the progress of this Atlas, which is expected to be printed very soon.

PULIDO OPTICO DE SUPERFICIES METALICAS

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El propósito del trabajo fue obtener dos pequeños espejos planos de acero inoxidable para el sistema de guiado de un espectrógrafo. El pulido óptico corriente para vidrio no dió resultado satisfactorio. Con los métodos indicados en la bibliografía para el pulido de metales tampoco pudimos obtener una superficie bien pulida y sin rayas, y por tales motivos creemos que puede ser útil la exposición del procedimiento seguido por nosotros.