

F P3 Elemental abundances for HgMn stars observed with EBASIM echelle spectrograph from CASLEO.

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Elemental abundance analysis are derived for the B2 V star HR 1833 and the Mercury-Manganese stars HR4817 (B8II/III) and Mu Lep (B9IV) using CCD recorded exposures obtained with the EBASIM echelle spectrograph from 2.1m CASLEO (Complejo Astronmico El Leoncito, Argentina) telescope in Argentina. The spectra coverage is 390-900 nm. The exposures were converted to 1-d spectra with IRAF and measured graphically with VLINE. Kurucz's ATLAS9 model atmospheres and WIDTH9 were used in the analyses.

The results for the HgMn stars are compared with previous analyses made with spectra taken using the REOSC echelle spectrograph at CASLEO, the coude feed telescope at Kitt Peak National Observatory, and/or with the DAO coude spectrograph. As these new spectra go farther into the red and have better resolution than those obtained with the REOSC, we could make better determinations of abundances..
