

The Preliminary Atmospheric Parameters of HD 154713 and HD 137928

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We determined the preliminary atmospheric parameters of the two A-type stars HD 154713 and HD 137928. These stars high resolution echelle spectra, covering a wavelength range of 3500-7900 Å, were obtained from the Coude echelle spectrograph attached to the 1.5m telescope at the TÜBİTAK National Observatory on the 24th of April 2018. We calculated the effective temperature and surface gravity of both stars by making use of photometric calibrations applied to Strömgren colors. The model atmospheres were generated by using the ATLAS9 code in Local Thermodynamic Equilibrium. The synthetic spectra produced from SYNTHE were used to fit on the observed H beta profiles to compare its compatibility. The iron lines equivalent widths were measured from each observed stellar spectra to derive their metallicities and microturbulences.