

Stellar Parameters of HD 60935

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In this study, we present preliminary stellar parameters of HD 60935 using the spectroscopic and photometric data. We obtained medium resolution spectroscopic data using the Shelyak spectrograph attached to the 0.4-meter telescope at Ankara University Kreiken Observatory. We utilized two methods to derive stellar parameters: the Bayesian Spectral Energy Distribution Model fitting for photometric data and stellar atmosphere models approaches for spectroscopic data. Stellar atmosphere parameters were derived using equivalent-width measurement and spectral synthesis methods. We also plotted the star on the H-R diagram and estimate its mass, age, radii, metallicity. Our result indicate that HD 60935 is a late type super-giant star with an age of around 0.8 billion years.

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