
Mass loss and age of stars in the red giant clump

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Abstract

The evolution and energy production process in stars is dependent on their mass. Stars normally loss mass during their evolution process and this has an effect on their evolutionary path. Mass loss along the Red Giant Clump (RGB) seems not to be adequately studied. Using the Kepler open clusters, the masses and mass loss of stars along the Red Giant Clump (RGC) are obtained using the asteroseismic parameters (i.e. maximum pulsation frequency and frequency separation). The ages of stars at RGC are obtained using the stellar equation relating luminosity and mass. In this poster we present our initial findings.

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