POSTERS

Open and Globular Cluster Ages Using Theoretical Isochrones

İBRAHİM KÜÇÜK

Erciyes University, Kayseri, Turkey

Clusters are key objects for knowing galactic structure as well as for checking stellar evolutionary models. They play an important role in linking the theories of stellar and galactic evolution.

We have obtained the photometric parameters of some selected galactic and globular clusters including their distance modulus, metallicity and reddening values in UBV from the literature. By using our theoretical evolutionary results we have compared the color – magnitude diagrams of selected clusters to the ones obtained from theoretical calculations.