

# Studies of stellar populations - star clusters in M31, the Galaxy and the Magellanic Clouds

California Institute of Technology - Stellar Populations



Description: -

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## The mystery of globular clusters

How Objects Orbit the Galaxy: a In this image, you see stars in the thin disk of our Galaxy in nearly circular orbits. As these stars died, they expelled their metal-enriched gases into space through the ejection of planetary nebulae of supernova explosions. The general set-up of the FLAIR system for these observations is given in.

## 25.5 Stellar Populations in the Galaxy

The colours of the younger stellar sequences are consistent with an enhanced abundance of helium

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While they can provide a starting point for hypotheses and experiments, they are often oversimplifications that need refinement a research continue. General considerations and new transformations for broad-band systems.

## Stellar Populations

Solid line represents unit slope. The halo and disk subsystems. In so doing, the observer may unwittingly include foreground stars in the integrated spectrum, in addition to increasing the likelihood of stochastic contributions from bright stars.

## The Stellar Populations of Galaxies

Furthermore, HST has allowed us to obtain detailed information for GCs and field stars in external galaxies such as the Large Magellanic Cloud LMC e.

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