

METALLICITY OF NGC 5128 GLOBULAR CLUSTERS

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We have analyzed a selection of globular clusters based on the indications of high metallicity from previous photometric studies.

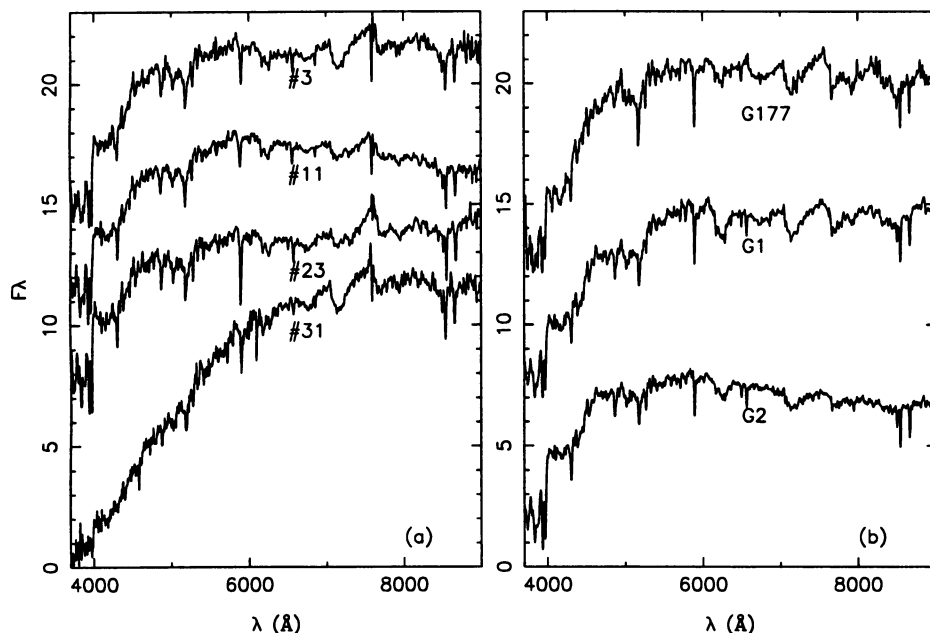


Figure 1. In (a), NGC 5128 star clusters observed in April 1993 at the ESO 3.6m telescope. For the clarity of the figure only 4 of the 6 observed clusters have been plotted. In (b), the templates of comparison. G177 is located in the bulge of M31 and has a metallicity ~ 3 times solar. G1 is the representative template of solar metallicity clusters in our Galaxy. G2 is the template of Galactic globular clusters with metallicity ~ 0.3 time solar. All cluster spectra are normalized at 5870 Å and shifted by some arbitrary constants for the purpose of the display. None of these globular clusters in NGC 5128 have spectra as strong-lined as G177 in M31.