

VI CCD Photometry of Nearby Galactic Globular Clusters : M3 and M5

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We present VI CCD photometry of two nearby galactic globular clusters, M3 and M5, obtained over the night in UT 1999 March 23 at the Bohyunsan Optical Astronomy Observatory (BOAO) 1.8 m telescope. The night of the run was fully photometric, and the seeing measured from the reduced images was ~ 1.0 arcsec FWHM. We apply the technique developed by Sarajedini (1994) to simultaneously derive the reddening and metallicity, from the shape of the RGB and observed value of the HB magnitude and the V-I color of the RGB at the level of the HB. The features such as HB morphology and RGB bump are also addressed. Synthetic (V, V-I) CMDs are compared to the observations.