

Large Format CCD Mapping of Galactic Globular Clusters

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We describe a program to obtain deep, wide-field photometry of Galactic globular clusters with known tidal extensions using the Large Format Camera on the Palomar 5-meter telescope. The aim of this program is to better map the tidal extensions, to examine the stellar makeup of these extensions, and to identify candidates for follow-up spectroscopy and inclusion into the target list for the Galactic structure component of the Space Interferometry Mission. We show first results for the nearby cluster NGC 6218 (M 12), which has been mapped out to more than twice its tidal radius.

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