G. Nikolov, V. Golev, M. Kontizas, A. Dapergolas, E. Kontizas, I. Bellas-Velidis,THE DISTORTIONS IN THE DENSITY PROFILES IN LMC CLUSTERS NGC 1850, NGC 2214 AND BSDL 103

The Magellanic Clouds are known to have a large variety of star clusters of various ages and morphology. Unlike the Milky Way, the Magellanic Clouds have suffered strong gravitational interactions among themselves and our Galaxy through their lifetime. During those episodes of interactions, bursts of star and cluster formation have occurred. For this reason a large number of star clusters are in the process of forming, still embedded in very disturbed environments and often are found in pairs. Here we present the density profiles of such binary cluster candidates based on archival HST observations and the distortions in the profiles are discussed.

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