

Abstract Submitted
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Orbits of selected stars in a barred Galactic potential HECTOR NORIEGA-MENDOZA, UTEP Physics Department, CHRISTINE ALLEN, EDMUNDO MORENO, Instituto de Astronomia, UNAM — Stellar orbits were numerically integrated in the barred Galactic potential of Pichardo, Martos and Moreno (2004). The stellar sample was taken from the catalog of low-metallicity stars of Beers et al. (2000) with known kinematic information. We present a preliminary comparison of orbital parameters in both axisymmetric and barred potentials, emphasizing the dispersive effects introduced by the central Galactic bar.

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