

## Tidal Evolution of Multi-Mass Component Globular Clusters

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We investigate the dynamical evolution of globular clusters with multi-mass component under the diffusion and the Galactic tide. We compare the results with our previous work which considers the cases of single-mass component in the globular clusters. And we find the followings.

- 1) The general evolution is similar to the case of single-mass component.
- 2) There is no evidence for dependence on the orbital phase of the cluster as in the case of single-mass component.
- 3) The diffusion process makes the limiting radius in apogalacticon similar size of tidal radius at perigalacticon.
- 4) The escape rate with the Galactic tide and the diffusion process is larger than that in the single-mass component case.
- 5) The mass-function evolutions are different with radius.