

Program of 5 yrs — GC (galactic globular clusters)

Best observed
galactic
globular → [NGC 6397] 50,000 M_⊙

These objects have similar orbits & similar masses, but very different structure — why? Binary population?

This is the one aspect of observational data which is in poor shape. Suggests an observational program of multi-epoch radial velocities observations. They will suggest:

- how many stars needed?
- what magnitude limit?
- where in cluster to search? (N4 easier in core)
- what accuracy (in radial velocity)?
- what distribution of epochs?

N.B. ∃ study of giants by Flynn et al

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4.00 pm