

# A hierarchy of classes for Hamiltonian transformations

Nike Dattani\*

*Harvard-Smithsonian Center for Astrophysics*

Nicholas Chancellor†

*Durham University*

We define a hierarchy of classes for amiltonian transformations and categorize all known quadratization techniques according to the classes

---

\* n.dattani@cfa.harvard.edu

† nicholas.chancellor@durham.ac.uk