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**Jason Atnip\*** ([jason.atnip@unt.edu](mailto:jason.atnip@unt.edu)). *Dimensions of Non-autonomous Meromorphic Functions of Finite Order.*

In this talk we study two classes of meromorphic functions previously studied by Mayer and by Kotus and Urbański. In particular we estimate a lower bound for the Julia set and the set of escaping points for non-autonomous additive and affine perturbations of functions from these classes. For particular classes we are able to calculate these dimensions exactly. We accomplish this by constructing non-autonomous graph directed Markov systems, which sit inside of the aforementioned non-autonomous Julia sets. We also give estimates for the eventual and eventual hyperbolic dimensions of the these non-autonomous perturbations. (Received September 11, 2017)