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## Dimension function of the Lagrange and Markov spectra

*Friday, 21 June 2024 09:00 (50 minutes)*

I will discuss an approach for computing the Hausdorff dimension of an intersection of the classical Lagrange and Markov spectra with half-infinite ray  $d(t) = \dim(M \cap (-\infty, t))$ , that allows to plot a graph of the function  $d(t)$  with high accuracy. The talk is based on a recent joint work with Carlos Gustavo Moreira and Carlos Matheus Santos (arxiv:2212.11371).

**Presenter:** VYTNOVA, Polina (University of Surrey)