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Dimensionality Reduction and Metastability Analysis using the Koopman Operator

jeudi 7 septembre 2023 10:00 (1 heure)

The Koopman Operator presents a powerful framework for dimensionality reduction of (stochastic) dynamical systems. In addition, metastable sets and their rates of transition can be obtained by analysing its spectrum. In this talk, we first recap the basics of Koopman methods, and then move on to discuss recent advances and current challenges.

Orateur: NÜSKE, Feliks (Max Planck Institute DCTS Magdeburg)

Classification de Session: Challenge and Perspective