ACMS Applied Math Seminar

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Thursday, April 28, 2022
154 Hurley Hall
3:30 PM – 4:30 PM

Transition Path Theory with Low Complexity Representations

Deep neural-network/tensor method can be used for compressing high-dimensional functions arising from partial differential equations (PDE). In this talk, we focus on using these methods for solving for the committor function. The committor function enables the study the transition processes between metastable states in chemistry applications.