

Strictly-Correlated Electrons systems and their dissociation at infinity

Wednesday, January 31, 2024 3:00 PM (30 minutes)

The Strictly-Correlated Electrons (SCE) is a formulation of density functional theory obtained in the semi-classical limit of the Levy-Lieb functional, which is used for strongly-correlated systems. I will present this problem, which arises as a multimarginal optimal transport of a special kind, and present a recent result on the dissociation at infinity of such systems.

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