

Generalized Gibbs states for the Calogero fluid

Tuesday, May 24, 2022 9:30 AM (45 minutes)

The Calogero fluid is an integrable many-particle system with interaction potential $1/\sinh^2$. I will explain how to compute the generalized free energy and the associated density of states of the Lax matrix. As a novel method, scattering coordinates will be used. Also the classical version of the Bethe equations will be pointed out.

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