

Invariant Gibbs measures for Hamiltonian PDEs

Monday, 23 March 2015 15:15 (45 minutes)

In this talk, we discuss the construction and related problems of the invariant Gibbs measures for Hamiltonian PDEs. We briefly go over the construction of the invariant Gibbs measures on the circle due to Bourgain '94. Then, we will describe the construction on the real line, concentrating on the defocusing nonlinear Schrödinger equation.

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