

M A T H E M A T I C A L P H Y S I C S S E M I N A R

Rutgers University
Hill Center - Room 705

Return to Equilibrium for the Stochastic NLS

Wei-min Wang, Université Paris-Sud
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Abstract

We prove exponential return to equilibrium for the focusing and defocusing stochastic NLS up to and including dimension four by spectral analysis of a non self-adjoint Witten-Hodge complex.
This is a joint work with J. Lebowitz etc.