

学术报告 I

报告题目 (Title): Nonlinear stochastic perturbations of linear
Schrodinger equation on T^d with arbitrary
potentials

报告人 (Speaker): Professor S.B. Kuksin 法国巴黎 7 大

时间 (Time): 5 月 11 日 (周三) 下午 3: 00-4: 00

地点 (Venue): 北京大学理科一号楼 1560

摘要 (Abstract): Consider the (linear) Schrodinger equation on a torus T^d with arbitrary potential, and its perturbation by an epsilon-small stochastic non-linearity. I will present a theory which describes the behaviour of solutions for the perturbed equation on time-intervals of order $1/\epsilon$, as well as the limiting behaviour of a stationary measure of the perturbed equation when epsilon goes to zero.

欢迎参加