
Large deviations principle for invariant measures for the 2-D stochastic Navier-Stokes Equations

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Abstract

Based on a recent work with S Cerrai and M Freidlin on the quasipotential for the 2-D stochastic Navier-Stokes Equations (to appear in PTRF 2015) we prove the Large deviations principle for invariant measures for these equations driven by an additive nuclear gaussian noise and we identify the action functional. This talk is based on a joint work with S Cerrai.

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