

GLOBAL SOLUTIONS OF STOCHASTIC 2D NAVIER-STOKES EQUATIONS WITH LÉVY NOISE

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Abstract: In this talk, we proved the global existence and uniqueness of the strong and weak solutions for 2D Navier-Stokes equations on the torus \mathbb{T}^2 perturbed by a Lévy process, a Poisson and Q -Wiener processes. The existence of invariant measure of the solutions are proved also.