

SEMINÁRIOS DE SISTEMAS ESTOCÁSTICOS E DINÂMICOS

SUMÁRIO



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- **1** Construction and ergodicity of hypoellliptic diffusion for large interacting systems
- 2 Uniform approximation of FKPP equation by stochastic particle systems
- **3** Rough flows and differential equations
- Topological obstruction for robustly transitive endomorphisms on surfaces
- **5** A uniform bound from below of the angle between the fast and slow spaces for two-sided sequences of bounded operators in a Banach space
- Nonconventional arrays and an extension of the Szemerdi theorem
- New results in stochastic tranport equation and applications in nonconservative hyperbolic systems



- **8** Regularity in law for the stochastic continuity equation
- **9** Hermite processes and the heat equation
- Path integral formalism and time reversibility for multiplicative white noise stochastic differential equations (SDE)
- **11** Fractional stochastic differential equation with discontinuous diffusion
- Classification of random circle homeomorphisms up to topological conjugacy
- **13** Embedded contact homology and symplectic embedding problems