



MAFIA - the seminar you can't refuse

Observability inequality for a Kolmogorov equation

Julien Royer

Institut de Mathématiques de Toulouse

March 8, 2022

11:30–12:30

in T212

Fakulta jaderná a fyzikálně inženýrská ČVUT
Trojanova 13, 12000 Praha

Abstract: We are interested in a Kolmogorov equation in dimension 2. More precisely, we discuss the critical time for the observability through the boundary. For this we use (in dimension 1) a Carleman estimate, the spectral properties of a non-selfadjoint Schrödinger operator, and an Agmon estimate.