



Workshop on Stochastic Analysis

IMECC - Unicamp

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Andrey Chen
(UNICAMP)

The singular stochastic Navier-Stokes equation on domains

Abstract

We study an extension of Hairer and Rosati's result for global well-posedness of the stochastic singular Navier-Stokes in 2 dimensions, driven by white noise, specifically extended to the bounded domain case. We outline the original proof and the step through the important modifications that are required, specifically the details regarding regularity spaces.