
**HOMOGENIZATION OF LIOUVILLE EQUATIONS BEYOND STATIONARY
ERGODIC SETTING***

ABSTRACT. We consider the homogenization's problem of the Liouville's equation for non-crystalline materials, namely the coefficients are given by the composition of stationary functions with stochastic deformations. We show the asymptotic equations, which involves both macroscopic and microscopic scales.

**Joint work with Taynara Andrade e Jean Silva.*

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