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GRK Colloquium – University of Oldenburg

Dennis Stock

(ZARM, University of Bremen)

The Averaging Problem in Inhomogeneous Cosmology

Students' Seminar

Abstract

The question of how to coarse-grain structure in the universe such that small scale effects are hidden and the large scale structure is revealed constitutes the averaging problem of inhomogeneous cosmology.

I will review and discuss several proposals to formulate such a smoothing process.