

ORAL COMMUNICATION

Anisotropic Diffusion EquationsEURICA HENRIQUES^a^a Institution: UTAD - CMAT

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Abstract

In this talk we will focus on the study of fluids whose diffusion process takes a different form in each spacial direction - known as anisotropic diffusion. Namely, we will discuss the ongoing joint works regarding singular anisotropic evolutionary differential equations related to the porous medium type equation and to the p-Laplacean equation.

Keywords anisotropic fluids, singular pde, Harnack inequalities, extinction time

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