

UNIVERSIDADE FEDERAL DE SÃO CARLOS
DEPARTAMENTO DE MATEMÁTICA

COLÓQUIOS DO DM-UFSCAR

Diego Ribeiro Moreira
(Universidade Federal do Ceará)

Falará sobre

Up to the boundary gradient estimates for viscosity solutions to nonlinear free boundary problems

In this talk, we present some new developments on gradient estimates up to the boundary for viscosity solutions to nonlinear elliptic free boundary problems. A new feature of this work is that equations governing the problems have unbounded coefficients. The approach is geometrical via the construction of new barriers for the Pucci extremal operators.

Data: 10 de julho de 2019
Horário: 16h
Local: Auditório do DM