14.06.2021

Monday's Nonstandard Seminar 37

14:00

Author: Giuseppina di Blasio (University of Campania L. Vanvitelli)

Title: **Symmetrization for fully anisotropic elliptic equations**

Abstract: The aim of this seminar is to outline some results obtained in recent years concerning nonlinear fully anisotropic Dirichlet problems, whose anisotropy is governed by a general N-dimensional Young function of the gradient. The N-dimensional Young function that we take into account needs neither be radial, nor have a polynomial growth, and is not even assumed to satisfy the so-called Δ_2-condition.

Relying upon anisotropic symmetrization we exhibit some a priori estimates for solutions of different class of anisotropic elliptic equations with Dirichlet boundary conditions. This talk is based upon a joint project in collaboration with A. Alberico and F. Feo.