

18.1.2021

Monday's Nonstandard Seminar 16

15:00

Author: Arttu Karppinen (University of Turku)

Title: **Removable sets with generalized Orlicz growth**

Abstract: In this talk we discuss sizes of removable sets for partial differential equations with generalized Orlicz (also known as Musielak–Orlicz) growth conditions. We give an intrinsic Hausdorff type condition for removable sets which recovers or improves known special cases such as polynomial, variable exponent, double phase and Orlicz growth. The talk is based on joint work with Iwona Chlebicka, see *Removable sets in elliptic equations with Musielak–Orlicz growth*, J. Math. Anal. Appl., 2020.