

8.3.2021

Monday's Nonstandard Seminar 23

15:00

Author: Bianca Stroffolini (University of Naples Federico II)

Title: **Regularity results for Minimizers of Discontinuous Quasiconvex Integrals with General Growth**

Abstract: I will present a result obtained in collaboration with C.S.Goodrich and G.Scilla. We are facing quasiconvex integrals with general growth (eventually degenerate) where the integrand $f(x, u, P)$ presents a VMO-dependance in x uniformly in (u, P) . I will explain why the best regularity we can hope for is a partially Hölder continuity for the minimizers.