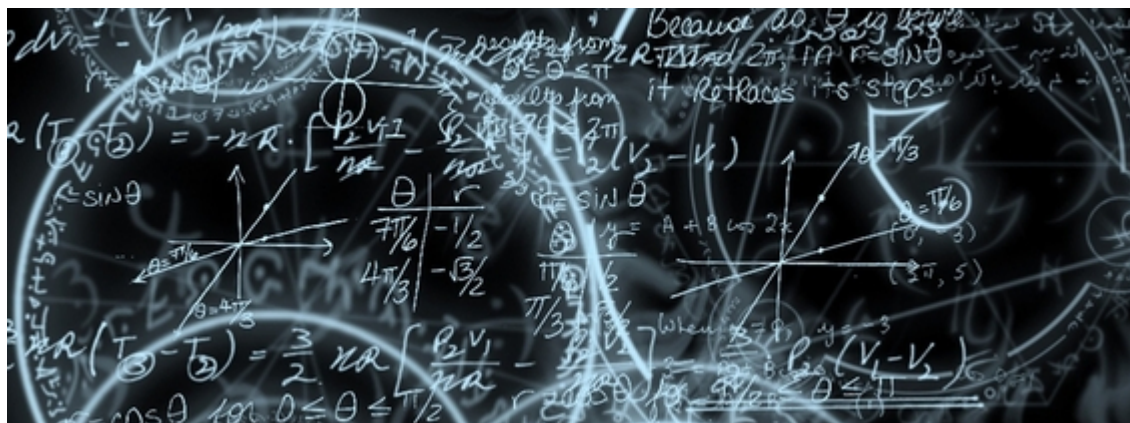


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/ **SEMINARI DI DIPARTIMENTO - 22/01/2025 Prof.ssa Bianca Stroffolini alle ore 15:30 in Sala Consiglio**

SEMINARI DI DIPARTIMENTO - 22/01/2025 PROF.SSA BIANCA STROFFOLINI ALLE ORE 15:30 IN SALA CONSIGLIO



Mercoledì 22 gennaio ore 15.30

Speaker: Bianca Stroffolini

vincitore, ex aequo, del concorso Professore di I fascia SSD MAT/05 - CODICE CONCORSO 2024_PO comma4ter_005

Title: Some regularity results in the Calculus of Variations

Abstract: *Direct methods in the Calculus of Variations provide existence of minimizers under compactness and lower semicontinuity in suitable function spaces and topologies. Next, regularity techniques serve to show that weak solution are indeed classical ones. Therefore, regularity theory is a crucial step in order to get solvability.*

I will give an overview passing through the fundamental contributions of De Giorgi, Nash, Moser, Campanato, Uhlenbeck right up to problems with general growth or double phase.

VEDI ANCHE

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