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La Prof.ssa **Roberta Schiattarella**
Università di Napoli Federico II
terrà un seminario dal titolo

Gamma limit of BMO-type functionals and anisotropic total variation

Abstract:

We investigate the asymptotic behavior, in the sense of Γ -convergence, of a class of BMO-type functionals. Our main result establishes that, as the localization parameter tends to zero, these functionals Γ -convergence to an anisotropic total variation functional defined on the space of functions of bounded variation. As an application, we study a variational model arising in image processing, in which a formulation based on neighborhood filters is proposed and its asymptotic behavior is thoroughly analyzed.

This is based on joint work with S. Guarino Lo Bianco.