

abstract

GEOMETRIC PDE SEMINAR

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

In this talk, I will discuss some characterizations of Sobolev spaces, BV spaces, and present some new inequalities in this context. As a consequence, I can improve classical properties of Sobolev spaces such as Sobolev inequality, Poincare inequality, and Rellich-Kondrachov theorem. If time permits, I will deal with a Gamma-convergence problem which appears naturally here.