

Dilluns 9 de maig del 2011, 15:00h

Facultat de Matemàtiques (U.B.), Aula T2.

Sobolev type spaces for metric measure spaces using upper gradients.

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ABSTRACT:

The goal of this talk is to introduce a notion of Sobolev type space of functions in the metric measure space setting, and to discuss some geometric properties of metric spaces that exhibit a Poincare type inequality for such Sobolev functions.