

Mathematics > Functional Analysis

Factoring Sobolev inequalities through classes of functions

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(Submitted on 11 Jul 2011)

We recall two approaches to recent improvements of the classical Sobolev inequality. The first one follows the point of view of Real Analysis, while the second one relies on tools from Convex Geometry. In this paper we prove a (sharp) connection between them.

Subjects:Functional Analysis (math.FA)MSC classes:46E35, 46E30, 26D10, 52A40Cite as:arXiv:1107.2139v1 [math.FA]

Submission history

From: Julio Bernues [view email] [v1] Mon, 11 Jul 2011 20:38:39 GMT (10kb)

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