

Strongly Local Nonlinear Dirichlet Functionals and Forms

Marco Biroli

*Department of Mathematics "F. Brioschi", Politecnico di Milano,
Piazza Leonardo da Vinci 32, 20133 Milano, Italy*

Paola G. Vernole

*Department of Mathematics "G. Castenuovo", Università di Roma "la Sapienza",
A. Moro 2, 00185 Roma, Italy*

Abstract. We introduce a new notion of strongly local nonlinear Dirichlet form. We prove that the energy of the form satisfies suitable chain rules and Leibnitz rules and allows to define a notion of capacity associated with the form.

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