

1. Record Nr.	UNINA9910257380303321
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Titolo	Vector-Valued Partial Differential Equations and Applications : Cetraro, Italy 2013 // by Bernard Dacorogna, Nicola Fusco, Stefan Müller, Vladimir Sverak ; edited by John Ball, Paolo Marcellini
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-54514-0
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (VII, 250 p. 21 illus., 1 illus. in color.)
Collana	C.I.M.E. Foundation Subseries ; ; 2179
Disciplina	515.353
Soggetti	Calculus of variations Partial differential equations Mathematical physics Calculus of Variations and Optimal Control; Optimization Partial Differential Equations Mathematical Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preface -- Bernard Dacorogna: The pullback equation -- Nicola Fusco: The stability of the isoperimetric inequality -- Stefan Müller: Mathematical problems in thin elastic sheets: scaling limits.-packing, crumpling and singularities -- Vladimir Sverák: Aspects of PDEs related to Fluid Flows.
Sommario/riassunto	Collating different aspects of Vector-valued Partial Differential Equations and Applications, this volume is based on the 2013 CIME Course with the same name which took place at Cetraro, Italy, under the scientific direction of John Ball and Paolo Marcellini. It contains the following contributions: The pullback equation (Bernard Dacorogna), The stability of the isoperimetric inequality (Nicola Fusco), Mathematical problems in thin elastic sheets: scaling limits, packing, crumpling and singularities (Stefan Müller), and Aspects of PDEs related to fluid flows (Vladimir Sverák). These lectures are addressed to graduate students and researchers in the field.

