

1. Record Nr.	UNINA9910163102703321
Titolo	Free Discontinuity Problems // edited by Nicola Fusco, Aldo Pratelli
Pubbl/distr/stampa	Pisa : , : Scuola Normale Superiore : , : Imprint : Edizioni della Normale, , 2016
ISBN	88-7642-593-4
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (237 pages)
Collana	CRM Series, , 2532-3326 ; ; 19
Disciplina	515.35
Soggetti	Mathematical optimization Calculus of variations Differential equations Calculus of Variations and Optimization Differential Equations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- Fine regularity results for Mumford-Shah minimizers: porosity, higher integrability and the Mumford-Shah conjecture -- Variational models for epitaxial growth -- Local and global minimality results for an isoperimetric problem with long-range interactions. .
Sommario/riassunto	This book presents a series of lectures on three of the best known examples of free discontinuity problems: the Mumford-Shah model for image segmentation, a variational model for the epitaxial growth of thin films, and the sharp interface limit of the Ohta-Kawasaki model for pattern formation in dyblock copolymers.