

1. Record Nr.	UNISA996466476803316
Titolo	Calculus of variations and partial differential equations : proceedings of a conference, held in Trento, Italy, June 16-21 1986 // Stefan Hildebrandt, David Kinderlehrer, Mario Miranda, editors
Pubbl/distr/stampa	Berlin ; ; Heidelberg : , : Springer-Verlag, , [1988] ©1988
ISBN	3-540-45932-4
Edizione	[1st ed. 1988.]
Descrizione fisica	1 online resource (XII, 308 p.)
Collana	Lecture Notes in Mathematics ; ; Volume 1340
Disciplina	515.64
Soggetti	Calculus of variations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Global solvability of second order evolution equations in banach scales -- On the incompressible limit of the compressible Navier-Stokes equations -- On a class of hyperbolic operators with double characteristics -- Relaxation problems in control theory -- The inclination of an H-graph -- On the mathematical theory of vortex sheets -- New estimates of the fundamental solution and Wiener's criterion for parabolic equations with variable coefficients -- Green function and invariant density for an integro-differential operator -- Some remarks on the regularity of minimizers -- Quadratic functionals with splitting coefficients -- Minimal surfaces of finite index in manifolds of positive scalar curvature -- Remarks about the mathematical theory of liquid crystals -- On quasi-minimal surfaces -- A survey of recent regularity results for second order queer differential equations -- On the diffusion coefficient of a semilinear Neumann problem -- Some isoperimetric inequalities for the level curves of capacity and Green's functions on convex plane domains -- Nonhomogeneous quasilinear hyperbolic systems: Initial and boundary value problem -- Existence results for non convex problems of the calculus of variations -- Wiener criteria and variational convergences -- Fully nonlinear second order elliptic equations -- Positive solutions of a prescribed mean curvature problem -- On the convergence at infinity of solutions with finite dirichlet integral to the exterior dirichlet

problem for the steady plane Navier-Stokes system of equations -- The elliptic Sinh Gordon equation and the construction of toroidal soap bubbles.
