1.	Record Nr.	UNISA996466696503316
	Titolo	Trends and applications of pure mathematics to mechanics : invited and contributed papers presented at a [15th] Symposium at Ecole Polytechnique, Palaiseau, France, November 28-December 2, 1983 / / edited by P.G. Ciarlet and M. Roseau
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer-Verlag, , [1984] ©1984
	ISBN	3-540-38800-1
	Edizione	[1st ed. 1984.]
	Descrizione fisica	1 online resource (V, 422 p. 27 illus.)
	Collana	Lecture Notes in Physics ; ; 195
	Disciplina	510
	Soggetti	Mathematics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di contenuto	Minimizers and the edler-lagrange equations -- Geometrical methods in some bifurcation problems of elasticity -- Conservation laws without convexity -- Conservation laws and compensated compactness -- Homogeneisation materiaux composites -- Existence problems of the non-linear Boltzmann equation -- Numerical simulation for some applied problems originating from continuum mechanics -- Linear problems associated to the theory of elastic continua with finite deformations -- One-dimensional structured phase transitions on finite intervals -- Global existence and asymptotics in one-dimensional nonlinear viscoelasticity -- Discrete velocity models and the Boltzmann equation -- Formation of singularities in elastic waves -- Solitary waves under external forcing -- Sur Les Solutions De L'equation De Schrödinger Atomique Et Le Cas Particulier De Deux Electrons -- On homogenization problems -- Hamiltonian and non-Hamiltonian models for water waves -- On a class of live traction problems in elasticity -- Some viscous-dominated flows -- Initial value problems for viscoelastic liquids -- Perturbation of eigenvalues in thermoelasticity and vibration of systems with concentrated masses -- Stress tensors, Riemannian metrics and the alternative descriptions in elasticity -- Etude des oscilaltions dans les equations aux derivees partielles non lineaires -- Invariant manifolds and periodic solutions of