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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

three degrees of freedom Hamiltonian systems.

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