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Nota di contenuto	Approximation to nonlinear convection diffusion equations -- Difference schemes for nonlinear hyperbolic systems — A general framework -- Numerical calculations of reacting flows -- Probleme de Riemann en hydrodynamique et applications -- Review of flow simulations using lattice gases -- On the equations of multi-component perfect of real gas inviscid flow -- Global existence of large amplitude solutions for Dirac-Klein-Gordon systems in Minkowski space -- Analyse microlocale et singularités non linéaires -- The nonlinear stability of the Minkowski metric in general relativity -- High order regularity for solutions of the inviscid burgers equation -- Solutions of quasi-linear wave equations with small initial data -- A viscosity approximation to a system of conservation laws with no classical Riemann solution -- Global classical solutions to the cauchy problem for nonlinear wave equations -- Ondes de choc, ondes de raréfaction et ondes soniques multidimensionnelles -- The interaction of two progressing waves -- Diffraction effects in weakly nonlinear detonation waves.
Sommario/riassunto	The papers included in this proceedings volume are mostly original research papers, dealing with life-span of waves, nonlinear interaction of waves, and various applications to fluid mechanics.

