

1. Record Nr.	UNINA9910480261303321
Titolo	Nonlinear PDE's, dynamics, and continuum physics : 1998 AMS-IMS-SIAM Joint Summer Research Conference on Nonlinear PDE's, Dynamics, and Continuum Physics, July 19-23, 1998, Mount Holyoke College / / Jerry Bona, Katarzyna Saxton, Ralph Saxton, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2000] ©2000
ISBN	0-8218-7845-X
Descrizione fisica	1 online resource (270 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 255
Disciplina	515/.355
Soggetti	Differential equations, Nonlinear Dynamics Continuum mechanics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""Preface""; ""Travelling-waves for generalized KdV-Burgers equations""; ""Some analytical coherent structures of the long-wave equations""; ""Weakly nonlinear elastic plane waves in a cubic crystal""; ""On dynamics of exothermic interfaces""; ""Similarity solutions for granular flows in hoppers""; ""Stability issues in nonisothermal elongational flow""; ""The damped p-system with boundary effects""; ""Prototypes for nonstrict hyperbolicity in conservation laws""; ""Stability of blow-up patterns for nonlinear wave equations""; ""Slowly decaying solutions of KdV""