

1. Record Nr.	UNISALENTO991002948779707536
Titolo	Nonlinear optical and atomic systems [e-book] : at the interface of physics and mathematics / Christophe Besse, Jean-Claude Garreau, editors
Pubbl/distr/stampa	Cham [Switzerland] : Springer, 2015
ISBN	9783319190150
Descrizione fisica	1 online resource (xiii, 338 pages)
Collana	Lecture notes in mathematics, 1617-9692 ; 2146. CEMPI subseries
Classificazione	AMS 81-06 AMS 35Q55 AMS 81V80 AMS 82C LC QC20
Altri autori (Persone)	Besse, Christopheauthor Garreau, Jean-Claudeauthor
Disciplina	530.15
Soggetti	Mathematical physics Nonlinear mechanics Nonlinear optics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Based on the lectures held on occasion of 2013 Painlevé-CEMPI-PhLAM thematic semester
Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	Flach, Sergej Nonlinear lattice waves in random potentials Antoine, Xavier Duboscq, Romain Modeling and computation of Bose-Einstein condensates: stationary states, nucleation, dynamics, stochasticity De Bièvre, Stephan Genoud, François Rota Nodari, Simona Orbital stability: analysis meets geometry Macià, Fabricio High-frequency dynamics for the Schrödinger equation, with applications to dispersion and observability
Sommario/riassunto	Focusing on the interface between mathematics and physics, this book offers an introduction to the physics, the mathematics, and the numerical simulation of nonlinear systems in optics and atomic physics. The text covers a wide spectrum of current research on the subject, which is an extremely active field in physics and mathematical physics, with a very broad range of implications, both for fundamental

science and technological applications: light propagation in microstructured optical fibers, Bose-Einstein condensates, disordered systems, and the newly emerging field of nonlinear quantum mechanics. Accessible to PhD students, this book will also be of interest to post-doctoral researchers and seasoned academics

2. Record Nr.	UNINA9910705765903321
Autore	O'Brien Lawrence H.
Titolo	Early training estimation system: final yearly report . Number 1 / / Lawrence H. O'Brien, Gavin G. Livingston
Pubbl/distr/stampa	Alexandria, Virginia : , : U.S. Army Research Institute for the Behavioral and Social Sciences, , August 1980
Descrizione fisica	1 online resource (315 unnumbered pages) : illustrations
Collana	Research Note ; ; 81-22
Soggetti	Simulated environment (Teaching method) Task analysis - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"August 1980." "Performing organization: Dynamics Research Corporation"--Report documentation page. "This report describes the major products developed under the first year of the Early Training Estimation System (ETES) development project"--Report documentation page.
Nota di bibliografia	Includes bibliographical references (pages [278-292]).