

1. Record Nr.	UNINA9910785419003321
Titolo	Progress in computational physics (PiCP) [[electronic resource]] . Volume 1 Wave propagation in periodic media // editor, Matthias Ehrhardt
Pubbl/distr/stampa	[S.l.], : Bentham e Books, [2010]
ISBN	1-60805-150-1
Descrizione fisica	1 online resource (240 p.)
Collana	Progress in Computational Physics (PiCP), 1 ; ; v.1
Altri autori (Persone)	EhrhardtMatthias
Disciplina	530.4/1/0113 530.410113
Soggetti	Mathematical physics Wave mechanics
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	00 Title Page Cover.pdf; 01 Title Page; 02 Contents; 04 preface; 05 Contributors; 06 Part I; 07 Chapter 1 06; 08 Chapter 2 43; 09 Chapter 3 23; 10 Part II; 11 Chapter 4 35; 12 Chapter 5 27; 13 Chapter 6 32; 14 Part III; 15 Chapter 7 30; 16 Chapter 8 30; 17 Index 04
Sommario/riassunto	Progress in Computational Physics is a new e-book series devoted to recent research trends in computational physics. It contains chapters contributed by outstanding experts of modeling of physical problems. The series focuses on interdisciplinary computational perspectives of current physical challenges, new numerical techniques for the solution of mathematical wave equations and describes certain real-world applications. With the help of powerful computers and sophisticated methods of numerical mathematics it is possible to simulate many ultramodern devices, e.g. photonic crystals structures,