

1. Record Nr.	UNINA9910459721903321
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 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	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,

2. Record Nr.	UNINA9910780092903321
Autore	Ereshefsky Marc
Titolo	The poverty of the Linnaean hierarchy : a philosophical study of biological taxonomy / / Marc Ereshefsky [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2001
ISBN	1-107-12040-3 0-521-03883-9 0-511-04605-7 0-511-15437-2 0-511-49845-4 9786610429790 1-280-42979-8 0-511-17443-8 0-511-30229-0
Descrizione fisica	1 online resource (x, 316 pages) : digital, PDF file(s)
Collana	Cambridge studies in philosophy and biology
Disciplina	578/.01/2
Soggetti	Biology - Philosophy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references (p. 300-311) and index.
Nota di contenuto	; Part I: The historical turn The philosophy of classification -- A primer of biological taxonomy -- History and classification -- ; Part II: The multiplicity of nature -- Species pluralism -- How to be a discerning pluralist -- ; Part III: Hierarchies and nomenclature -- The evolution of the Linnaean hierarchy -- Post-Linnaean taxonomy -- The future of biological nomenclature.
Sommario/riassunto	The question of whether biologists should continue to use the Linnaean hierarchy has been a hotly debated issue. Invented before the introduction of evolutionary theory, Linnaeus's system of classifying organisms is based on outdated theoretical assumptions, and is thought to be unable to provide accurate biological classifications. Marc Ereshefsky argues that biologists should abandon the Linnaean system and adopt an alternative that is more in line with evolutionary theory. He traces the evolution of the Linnaean hierarchy from its

introduction to the present. He illustrates how the continued use of this system hampers our ability to classify the organic world, and then goes on to make specific recommendations for a post-Linnaean method of classification. Accessible to a wide range of readers by providing introductory chapters to the philosophy of classification and the taxonomy of biology, the book will interest both scholars and students of biology and the philosophy of science.
