

1. Record Nr.	UNISALENTO991002951529707536
Autore	CIME School on "Computational Electromagnetism" <2014 ; Cetraro, Italy>
Titolo	Computational electromagnetism : Cetraro, Italy 2014 / Housse Haddar ... [et al.] ; Alfredo Bermúdez de Castro, Alberto Valli, editors
Pubbl/distr/stampa	Cham : Springer, 2015
ISBN	9783319193052
Descrizione fisica	vii, 240 p. : ill. ; 24 cm
Collana	Lecture notes in mathematics, 0075-8434 ; 2148
Classificazione	AMS 78-06 AMS 35P25 AMS 35Q60 AMS 35R30 AMS 78A25 LC QC759.6
Altri autori (Persone)	Haddar, Housse author Bermúdez de Castro, Alfredo Valli, Alberto
Disciplina	537.0151
Soggetti	Electromagnetism - Mathematics - Congresses Maxwell equations - Congresses
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Presenting topics that have not previously been contained in a single volume, this book offers an up-to-date review of computational methods in electromagnetism, with a focus on recent results in the numerical simulation of real-life electromagnetic problems and on theoretical results that are useful in devising and analyzing approximation algorithms. Based on four courses delivered in Cetraro in June 2014, the material covered includes the spatial discretization of Maxwell's equations in a bounded domain, the numerical approximation of the eddy current model in harmonic regime, the time domain integral equation method (with an emphasis on the electric-field integral equation) and an overview of qualitative methods for inverse electromagnetic scattering problems. Assuming some

knowledge of the variational formulation of PDEs and of finite element/boundary element methods, the book is suitable for PhD students and researchers interested in numerical approximation of partial differential equations and scientific computing

2. Record Nr.	UNISALENTO991000693509707536
Autore	Lorentz, George G.
Titolo	Approximation of functions / by G. G. Lorentz
Pubbl/distr/stampa	New York : Chelsea Publ. Co., c1986
ISBN	0828403228
Edizione	[2nd ed.]
Descrizione fisica	ix, 188 p. : ill. ; 24 cm
Classificazione	AMS 41-01 LC QA221.L6
Disciplina	511.4
Soggetti	Approximation theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index
Nota di bibliografia	Bibliography: p. 179-184