1.	Record Nr.	UNINA9910782429603321
	Titolo	Wavelets [[electronic resource]] : theory and applications / / edited by Gordon Erlebacher, M. Yousuff Hussaini, Leland M. Jameson
	Pubbl/distr/stampa	New York, : Oxford University Press, 1996
	ISBN	0-19-773272-0 1-280-65492-9 9786610654925 0-19-802542-4
	Descrizione fisica	1 online resource (523 p.)
	Collana	ICASE/LaRC Series in Computational Science and Engineering
	Altri autori (Persone)	HussainiM. Yousuff JamesonLeland M ErlebacherGordon <1957->
	Disciplina	515/.2433
	Soggetti	Wavelets (Mathematics) Harmonic analysis
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	"Formal notes of the short course on wavelets conducted by the Institute for Computer Applications in Science and Engineering (ICASE) and NASA Langley Research Center (LaRC) during February 22-26, 1993"--Pref.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Preface; Contents; 1 Introduction to Wavelets and their Application to Partial Differential Equations; 2 Wavelets from Filter Banks; 3 Wavelets, Functions, and Operators; 4 Wavelets, Multiresolution Analysis and Fast Numerical Algorithms; 5 Some Wavelet Algorithms for Partial Differential Equations; 6 Some Wavelet Algorithms for Turbulence Analysis and Modeling; 7 Wavelet Analysis of Fractals: from the Mathematical Concepts to Experimental Reality; Index
	Sommario/riassunto	1. Introduction to Wavelets and their Applications to Partial Differential Equations, L.M. Jameson. 2. Wavelets from Filter Banks, G. Strang. 3. Wavelets, Functions, and Operators, Ph. Tchamitchian. 4. Wavelets, Multiresolution Analysis, and Fast Numerical Algorithms, G. Beylkin. 5. Some Wavelet Algorithms for Partial Differential Equations, J. Liandrat. 6. Some Wavelet Algorithms for Turbulence Analysis and Modelling, J. Liandrat. 7. Wavelet Analysis of Fractals: from the Mathematical