

1. Record Nr.	UNINA9910788652403321
Titolo	The functional and harmonic analysis of wavelets and frames : AMS Special Session on the Functional and Harmonic Analysis of Wavelets, January 13-14, 1999, San Antonio, Texas / / Lawrence Wasson Baggett, David Royal Larson, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [1999] ©1999
ISBN	0-8218-7837-9 0-8218-5583-2
Descrizione fisica	1 online resource (320 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 247
Disciplina	515/.2433
Soggetti	Wavelets (Mathematics) Functional analysis
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	""Contents""; ""Preface""; ""Reconstruction of vector and tensor fields from sampled discrete data""; ""Abstract harmonic analysis and wavelets in R^n ""; ""Density and redundancy of the noncoherent Weyl-Heisenberg superframes""; ""The construction of multiple dyadic minimally supported frequency wavelets on R^d ""; ""The behaviour at the origin of a class of band-limited wavelets""; ""Convergence of the cascade algorithm at irregular scaling functions""; ""1. Introduction""; ""2. General Theory""; ""3. Some examples""; ""List of Figures""; ""4. Conclusions""; ""Appendix""; ""References"" ""Classifying tight Weyl-Heisenberg frames""""Frames for Banach spaces""; ""Construction of dilation-d wavelets""; ""A module frame concept for Hilbert C^* -modules""; ""Triangularization of Hankel operators and the bilinear Hilbert transform""; ""Two remarks concerning wavelets: Cohen's criterion for low-pass filters and Meyer's theorem on linear independence""; ""Multiresolution analyses of abstract Hilbert spaces and wandering subspaces""; ""Compactly supported refinable functions with infinite masks""; ""Applications of the wavelet multiplicity function""

