1.	Record Nr.	UNINA9910788666103321
	Titolo	Wavelets, frames and operator theory : Focused Research Group Workshop on Wavelets, Frames and Operator Theory, January 15-21, 2003, University of Maryland, College Park, Maryland / / Christopher Heil, Palle E.T. Jorgensen, David R. Larson, editors
	Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2004] ©2004
	ISBN	0-8218-7935-9 0-8218-5680-4
	Descrizione fisica	1 online resource (358 p.)
	Collana	Contemporary mathematics, , 0271-4132 ; ; 345
	Disciplina	515/.2433
	Soggetti	Wavelets (Mathematics) Frames (Combinatorial analysis) Operator theory 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	""Contents""; ""Preface""; ""List of speakers""; ""How to construct wavelet frames on irregular grids and arbitrary dilations in Rd""; ""An analogue of Bratteli-Jorgensen loop group actions for GMRA's""; ""Examples of wavelets for local fields""; ""The spectral function of shift-invariant spaces on general lattices""; ""Custom building finite frames""; ""Frames of subspaces""; ""The local trace function for super-wavelets""; ""1. Introduction""; ""2. Permutative wavelet representations""; ""3. Shift invariant subspaces""; ""4. The local trace function"" ""5. A characterization of super-wavelets""""6. The spectral function and the dimension function""; ""References""; ""Recovery of band-limited functions on manifolds by an iterative algorithm""; ""On a characterization of the local Hardy space by Gabor frames""; ""Riesz bases, multiresolution analyses, and perturbation""; ""The existence of Gabor bases and frames""; ""Co-affine systems in Rd""; ""Rank-one decomposition of operators and construction of frames""; ""An approach to the study of wave packet systems""; ""Convolution for

Gabor systems and Newton's method""

""Wavelets, wavelet sets, and linear actions on Rn""""Orthonormalized coherent states""; ""Localization of stability and p-frames in the Fourier domain""; ""Orthonormal wavelets arising from HDAFs""