

1. Record Nr.	UNINA9910479980803321
Autore	Gilbert John E.
Titolo	Smooth molecular decompositions of functions and singular integral operators // J.E. Gilbert [and five others]
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2002] ©2002
ISBN	1-4704-0335-8
Descrizione fisica	1 online resource (89 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 742
Disciplina	510 s 514/.322
Soggetti	Function spaces Integral operators Decomposition (Mathematics) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Volume 156, number 742 (third of 5 numbers)."
Nota di bibliografia	Includes bibliographical references (pages 73-74).
Nota di contenuto	""Contents""; ""Chapter 1. Main results""; ""1 Frame decompositions""; ""2 Molecular boundedness and operator decompositions""; ""3 Molecules and the affine group""; ""Chapter 2. Molecular decompositions of operators""; ""1 Smooth CalderA³na€?Zygmund operators""; ""2 Cotlar type operators""; ""3 Kernel estimates""; ""4 Boundedness on spaces of molecules""; ""5 TriebelA€?Lizorkin spaces""; ""Chapter 3. Frames""; ""1 Continuity of group action""; ""2 Inversion of frame operator""; ""3 Convergence in TriebelA€?Lizorkin spaces""; ""4 Algebras of singular integral operators"" ""Chapter 4. Maximal theorems and equa€?convergence""""1 Introduction""; ""2 Equiconvergence""; ""3 Almost everywhere convergence of wavelet frame expansions""; ""4 Affine approximations to the identity""; ""Appendix. Proof of Basic Estimates""