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Titolo	Function spaces, interpolation theory, and related topics [[electronic resource]] : proceedings of the international conference in honour of Jaak Peetre on his 65th birthday : Lund, Sweden, August 17-22, 2000 / editors, Michael Cwikel ... [et al.]
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Collana	De Gruyter Proceedings in Mathematics
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Altri autori (Persone)	PeetreJaak <1935-> CwikelM <1948-> (Michael)
Disciplina	515/.73
Soggetti	Function spaces Interpolation 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	Front matter -- Contents -- Jaak Peetre, the man and his work -- On the development of interpolation - instead of a history three letters -- Remarks on reproducing kernels of some function spaces -- An interesting class of operators with unusual Schatten-von Neumann behavior -- Invariant symbolic calculi and eigenvalues of invariant operators on symmetric domains -- Convex hulls of Coxeter groups -- On embedding properties of some extrapolation spaces -- Revisiting almost orthogonality and eigen expansions -- Localization and extrapolation in Orlicz-Lorentz spaces -- Green functions for powers of the Laplace-Beltrami operator -- Symmetric linear functionals on function spaces -- Axiomatic Sobolev spaces on metric spaces -- Interpolation of subspaces and the unit problem -- On hierarchical structures and reiterated homogenization -- Boundedness and compactness criteria for the one-dimensional Schrödinger operator -- On Gaussian-summing identity maps between Lorentz sequence spaces -- On generalized fractional integrals on the weak Orlicz spaces,

BMO, the Morrey spaces and the Campanato spaces -- Optimal Sobolev embeddings - old and new -- Moduli of smoothness and the interrelation of some classes of functions -- Towards a Gausslet analysis: Gaussian representations of functions -- Backmatter

Sommario/riassunto

This volume contains 16 refereed research articles on function spaces, interpolation theory and related fields. Topics covered: theory of function spaces, Hankel-type and related operators, analysis on bounded symmetric domains, partial differential equations, Green functions, special functions, homogenization theory, Sobolev embeddings, Coxeter groups, spectral theory and wavelets. The book will be of interest to both researchers and graduate students working in interpolation theory, function spaces and operators, partial differential equations and analysis on bounded symmetric domains.
