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   Disciplina   515.724

   Soggetti   Partial differential equations
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   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 at the end of each chapters.

   Nota di contenuto   Følner Sequences in Operator Theory and Operator Algebras -- On the
                        Factorization of Some Block Triangular Almost Periodic Matrix
                        Functions -- A C-algebra of Singular Integral Operators with Shifts
                        Similar to Affine Mappings -- On Cauchy Type Integrals Related to the
                        Cimmino System of Partial Differential Equations -- Singular Integral
                        Operators with Linear Fractional Shifts on the Unit Circle -- Diffraction
                        from Polygonal-Conical Screens, An Operator Approach --
                        Boundedness of the Maximal and Singular Operators on Generalized
                        Orlicz-Morrey Spaces -- On a Question by Markus Seidel -- Invertibility
                        in Groupoid C-algebras -- Boundedness of Pseudodifferential
                        Operators on Banach Function Spaces -- On the Dimension of the
                        Kernel of a Singular Integral Operator with Shift -- Inequalities Against
                        Equations? -- C-algebra Generated by Mapping Which Has Finite
                        Orbits -- On Spectral Subspaces and Inner Endomorphisms of Some
                        Semigroup Crossed Products -- And more.

   Sommario/riassunto   This book consists of research papers that cover the scientific areas of
                        the International Workshop on Operator Theory, Operator Algebras and
                        Applications, held in Lisbon in September 2012. The volume
                        particularly focuses on (i) operator theory and harmonic analysis
                        (singular integral operators with shifts; pseudodifferential operators,

factorization of almost periodic matrix functions; inequalities; Cauchy type integrals; maximal and singular operators on generalized Orlicz-Morrey spaces; the Riesz potential operator; modification of Hadamard fractional integro-differentiation), (ii) operator algebras (invertibility in groupoid C*-algebras; inner endomorphisms of some semi group, crossed products; C*-algebras generated by mappings which have finite orbits; Folner sequences in operator algebras; arithmetic aspect of C*_r SL(2); C*-algebras of singular integral operators; algebras of operator sequences) and (iii) mathematical physics (operator approach to diffraction from polygonal-conical screens; Poisson geometry of difference Lax operators).