

1. Record Nr.	UNINA9910480295203321
Titolo	Harmonic analysis and partial differential equations : 9th International Conference on Harmonic Analysis and Partial Differential Equations, June 11-15, 2012, El Escorial, Madrid, Spain / / Patricio Cifuentes [and nine others], editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 2014 ©2014
ISBN	1-4704-1525-9
Descrizione fisica	1 online resource (190 p.)
Collana	Contemporary Mathematics, , 1098-3627 ; ; Volume 612
Disciplina	512.7/6
Soggetti	Harmonic analysis Differential equations, Partial 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	""Introduction""; ""Aspects of multilinear harmonic analysis related to transversality""; ""1. Introduction""; ""2. The linear restriction theory for the Fourier transform""; ""3. The bilinear restriction theory: the emergence of transversality""; ""4. Multilinear transversality and the multilinear restriction theory""; ""5. Transversal multilinear harmonic analysis: a bigger picture""; ""References""; ""Multi-frequency CalderA³n-Zygmund analysis and connexion to Bochner-Riesz multipliers""; ""1. Notations and preliminaries"" ""2. Unweighted estimates for multi-frequency CalderA³n-Zygmund operators""""3. Weighted estimates for multi-frequency CalderA³n-Zygmund operators""; ""4. Connexion to Bochner-Riesz multipliers""; ""References""; ""Sharp Bounds for -Haar Multipliers on A²""; ""1. Introduction""; ""2. Preliminaries""; ""3. Main tools""; ""4. Haar Multipliers""; ""5. Appendix""; ""References""; ""Spectra of Frame Operators with Prescribed Frame Norms""; ""1. Introduction""; ""2. Background results about Schur-Horn type theorems""; ""3. Spectral set""; ""References"" ""Regularity criteria for Hall-magnetohydrodynamics and the space-time Monopole equation in Lorenz gauge""""1. Introduction""; ""2. Proof

of Theorem 1.1""; ""3. Proof of Theorem 1.3""; ""4. Proof of Theorem 1.7""; ""Acknowledgments""; ""References""; ""The α theorem: Remarks and complements""; ""1. Introduction""; ""2. Detailed outline of the lower-left route""; ""3. Proof of Lerner's formula""; ""4. Sharpness of the weak (1,1) estimate""; ""5. A direct verification of the testing conditions""; ""6. The two-weight $\mathcal{A}_1$ theorem for positive operators""; ""References""

""4. The Dirichlet problem with data in higher order Sobolev spaces""

5. Examples of boundary problems of mathematical physics""; ""References""; ""Perturbations of elliptic operators in chord arc domains""; ""1. Introduction""; ""2. Preliminaries""; ""3. Main Result""; ""References""; ""Cauchy non-integral formulas""; ""1. Introduction""; ""2. Carleson estimates of operators""; ""3. Proof of the Cauchy formula""; ""4. Applications to the Neumann and Dirichlet problem""; ""References""
