

1. Record Nr.	UNINA990005011990403321
Autore	Gorgoni, Giustiniano
Titolo	Vocabolario agronomico : con la scelta di voci arti e mestieri attinenti all'agricoltura e col raffronto delle parole e dei modi di dire del dialetto della provincia di Lecce / Giustiniano Gorgoni
Pubbl/distr/stampa	Bologna : Forni, 1973
Edizione	[Rist. anast.]
Descrizione fisica	VIII, 515 p. ; 25 cm
Disciplina	457.753 630.3
Locazione	FLFBC
Collocazione	457.753 GOR 1
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910349351603321
Autore	Ruzhansky Michael
Titolo	Hardy Inequalities on Homogeneous Groups [[electronic resource]] : 100 Years of Hardy Inequalities / / by Michael Ruzhansky, Durvudkhan Suragan
Pubbl/distr/stampa	Cham, : Springer Nature, 2019 Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2019
ISBN	3-030-02895-X
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XVI, 571 p. 1 illus.)
Collana	Progress in Mathematics, , 0743-1643 ; ; 327
Disciplina	512.55 512.482
Soggetti	Topological groups Lie groups Potential theory (Mathematics) Partial differential equations Harmonic analysis Functional analysis Differential geometry Topological Groups, Lie Groups Potential Theory Partial Differential Equations Abstract Harmonic Analysis Functional Analysis Differential Geometry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Analysis on Homogeneous Groups -- Hardy Inequalities on Homogeneous Groups -- Rellich, Caarelli-Kohn-Nirenberg, and Sobolev Type Inequalities -- Fractional Hardy Inequalities -- Integral Hardy Inequalities on Homogeneous Groups -- Horizontal Inequalities on Stratied Groups -- Hardy-Rellich Inequalities and Fundamental Solutions -- Geometric Hardy Inequalities on Stratied Groups --

Uncertainty Relations on Homogeneous Groups -- Function Spaces on Homogeneous Groups -- Elements of Potential Theory on Stratified Groups -- Hardy and Rellich Inequalities for Sums of Squares -- Bibliography -- Index.

Sommario/riassunto

This open access book provides an extensive treatment of Hardy inequalities and closely related topics from the point of view of Folland and Stein's homogeneous (Lie) groups. The place where Hardy inequalities and homogeneous groups meet is a beautiful area of mathematics with links to many other subjects. While describing the general theory of Hardy, Rellich, Caffarelli-Kohn-Nirenberg, Sobolev, and other inequalities in the setting of general homogeneous groups, the authors pay particular attention to the special class of stratified groups. In this environment, the theory of Hardy inequalities becomes intricately intertwined with the properties of sub-Laplacians and subelliptic partial differential equations. These topics constitute the core of this book and they are complemented by additional, closely related topics such as uncertainty principles, function spaces on homogeneous groups, the potential theory for stratified groups, and the potential theory for general Hörmander's sums of squares and their fundamental solutions. This monograph is the winner of the 2018 Ferran Sunyer i Balaguer Prize, a prestigious award for books of expository nature presenting the latest developments in an active area of research in mathematics. As can be attested as the winner of such an award, it is a vital contribution to literature of analysis not only because it presents a detailed account of the recent developments in the field, but also because the book is accessible to anyone with a basic level of understanding of analysis. Undergraduate and graduate students as well as researchers from any field of mathematical and physical sciences related to analysis involving functional inequalities or analysis of homogeneous groups will find the text beneficial to deepen their understanding.
