1.
Record Nr.	UNISALENTO991001852119707536
Autore	INdAM School on Symmetry for Elliptic PDEs <2009 : Rome, Italy>
Titolo	Symmetry for elliptic PDEs : INdAM School on Symmetry for Elliptic PDEs, May 25-29, 2009, Rome, Italy : (30 years after a conjecture of De Giorgi, and related problems) / Alberto Farina, Enrico Valdinoci, editors
Pubbl/distr/stampa	Providence, R. I. : American Mathematical Society, c2010
ISBN	9780821848043
Descrizione fisica	ix, 137 p. ; 26 cm
Collana	Contemporary mathematics, 0271-4132 ; 528
Classificazione	AMS 35-06 AMS 35J61 LC QA377.I486
Altri autori (Persone)	Farina, Albertoauthor Valdinoci, Enricoauthor
Soggetti	Differential equations, Elliptic - Congresses Symmetry (Mathematics) - Congresses
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. 136-137)

2. Record Nr.	UNINA9910799219103321
Autore	Daras Nicholas J
Titolo	Exploring Mathematical Analysis, Approximation Theory, and Optimization : 270 Years Since A.-M. Legendre's Birth / / edited by Nicholas J. Daras, Michael Th. Rassias, Nikolaos B. Zographopoulos
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	9783031464874
	3031464877
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (474 pages)
Collana	Springer Optimization and Its Applications, , 1931-6836 ; ; 207
Altri autori (Persone)	RassiasMichael Th
	ZographopoulosNikolaos B
Disciplina	515.8
Soggetti	Functions of real variables
	Mathematical optimization
	Approximation theory
	Functional analysis
	Operator theory
	Number theory
	Real Functions
	Optimization
	Approximations and Expansions
	Functional Analysis
	Operator Theory
	Number Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- On a version of Jensen-Steffensen inequality and a note on inequalities in several variables -- A class of dynamic unilateral contact problems with sub-differential friction law -- Square-free values of $[\textrm{n}^c \tan^\theta(\log \textrm{n})]$ -- Ostrowski and Trapezoid Type Inequalities for Riemann-Liouville Fractional Integrals of Functions with Bounded Variation -- A strong maximum principle for general nonlinear operators -- On the Application of Ergodic Theory to

an Alternating Series Expansion for Real Numbers -- Bounds for Similarity Condition Numbers of Unbounded Operators -- Legendre's Geometry and Trigonometry at the Evelpides School (Central Military School) during the Kapodristrian period -- The Overshadowing of Euclid's Geometry by Legendre's Géométrie in the Modern Greek Education -- Finite Element Methods with Higher Order Polynomials -- On Local Asymptotics for Orthonormal Polynomials -- New Trends inGeometric Function Theory -- A unified approach to extended general quasi variational inclusions -- On a Reverse Hilbert-Type Inequality in the Whole Plane with Multi-Parameters -- Generating functions for the Fubini type polynomials and their applications -- Kleene Fixed Point Theorems and Applications -- On ergodic states, spontaneous symmetry breaking and quasi-averages -- Improvement of the Hardy inequality and Legendre polynomials.

| Sommario/riassunto | This book compiles research and surveys devoted to the areas of mathematical analysis, approximation theory, and optimization. Being dedicated to A.-M. Legendre's work, contributions to this volume are devoted to those branches of mathematics and its applications that have been influenced, directly or indirectly, by the mathematician. Additional contributions provide a historical background as it relates to Legendre's work and its association to the foundation of Greece's higher education. Topics covered in this book include the investigation of the Jensen-Steffensen inequality, Ostrowski and trapezoid type inequalities, a Hilbert-Type Inequality, Hardy's inequality, dynamic unilateral contact problems, square-free values of a category of integers, a maximum principle for general nonlinear operators, the application of Ergodic Theory to an alternating series expansion for real numbers, bounds for similarity condition numbers of unbounded operators, finite element methods with higher order polynomials, generating functions for the Fubini type polynomials, local asymptotics for orthonormal polynomials, trends in geometric function theory, quasi variational inclusions, Kleene fixed point theorems, ergodic states, spontaneous symmetry breaking and quasi-averages. It is hoped that this book will be of interest to a wide spectrum of readers from several areas of pure and applied sciences, and will be useful to undergraduate students, graduate level students, and researchers who want to be kept up to date on the results and theories in the subjects covered in this volume. |