1. Record Nr. UNISA990001611490203316

Autore	GENNEP, Arnold : van
Titolo	Vol. 1.6. : Les ceremonies periodiques cycliques et saisonnieres . 3 Les Ceremonies agricoles et pastorales de l'automne / par Arnold van Gennep
Pubbl/distr/stampa	Paris : Picard, 1953
Descrizione fisica	XXIV, P. 2545-2854, 9 c. di tav. : ill. ; 23 cm
Disciplina	398
Soggetti	Francia - Folklore - Sec. 20
Collocazione	III.2. 692/1.6(XV B 336/1 VI)
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910255013403321

Autore	Römisch Werner
Titolo	Mathematical Analysis and the Mathematics of Computation / / by Werner Römisch, Thomas Zeugmann
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-42755-5
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XXIII, 703 p. 52 illus., 32 illus. in color.)
Disciplina	515
Soggetti	Computer science—Mathematics Mathematical analysis Analysis (Mathematics) Mathematics of Computing Analysis
Lingua di pubblicazione	Inglese
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Nota di contenuto	Sets, Structures, Numbers -- Metric Spaces -- Continuous Functions in Metric Spaces -- Linear Normed Spaces, Linear Operators -- The Differential Calculus -- Applications of the Differential Calculus -- The Integral Calculus -- Linear Integral Operators -- Inner Product Spaces -- Approximative Representation of Functions -- Ordinary Differential Equations -- Discretization of Operator Equations -- Numerical Solution of Ordinary Differential Equations.
Sommario/riassunto	This book is a comprehensive, unifying introduction to the field of mathematical analysis and the mathematics of computing. It develops the relevant theory at a modern level and it directly relates modern mathematical ideas to their diverse applications. The authors develop the whole theory. Starting with a simple axiom system for the real numbers, they then lay the foundations, developing the theory, exemplifying where it's applicable, in turn motivating further development of the theory. They progress from sets, structures, and numbers to metric spaces, continuous functions in metric spaces, linear normed spaces and linear mappings; and then differential calculus and its applications, the integral calculus, the gamma function, and linear integral operators. They then present important aspects of approximation theory, including numerical integration. The remaining parts of the book are devoted to ordinary differential equations, the discretization of operator equations, and numerical solutions of ordinary differential equations. This textbook contains many exercises of varying degrees of difficulty, suitable for self-study, and at the end of each chapter the authors present more advanced problems that shed light on interesting features, suitable for classroom seminars or study groups. It will be valuable for undergraduate and graduate students in mathematics, computer science, and related fields such as engineering. This is a rich field that has experienced enormous development in recent decades, and the book will also act as a reference for graduate students and practitioners who require a deeper understanding of the methodologies, techniques, and foundations.