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Record Nr.	UNINA9910300151803321
Titolo	Applications of Mathematics and Informatics in Science and Engineering / / edited by Nicholas J. Daras
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-04720-5
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (440 pages)
Collana	Springer Optimization and Its Applications, , 1931-6828 ; ; 91
Disciplina	620.00151
Soggetti	Mathematical optimization Game theory Number theory Probabilities Operations research Management science Optimization Game Theory, Economics, Social and Behav. Sciences Number Theory Probability Theory and Stochastic Processes Operations Research, Management Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Parametric Design and Optimization of Multi-Rotor Aerial Vehicles (C. Ampatis, E. Papadopoulos) -- Scattering Relations for a Multi-Layered Chiral Scatterer in an Achiral Environment (C. Athanasiadis, E. Athanasiadou, S. Dimitroula, E. Kikeri) -- Almost Periodic Solutions of Navier–Stokes–Ohm Type Equations in Megneto-Hydrodynamics (E.S. Athanasiadou, V.F. Dionysatos, P.N. Koumantos, P.K. Pavlakos) -- Admission Control Policies in a Finite Capacity Geo/Geo/1 Queue under Partial State Observations (A. Burnetas, Ch. Kokaliaris) -- Error Bounds for Trapezoid Type Quadrature Rules with Applications for the Mean and Variance (P. Cerone, S.S. Dragomir, E. Kikianty) -- Correlated Phenomena in Wireless Communications: A Copula Approach (G.E. Chatzarakis, P.G. Cottis, S.N. Livieratos, A. Voulkidis) -- Stochastic

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Sommario/riassunto	Analysis, assessment, and data management are core competencies for operation research analysts. This volume addresses a number of issues and developed methods for improving those skills. It is an outgrowth of a conference held in April 2013 at the Hellenic Military Academy, and brings together a broad variety of mathematical methods and theories with several applications. It discusses directions and pursuits of scientists that pertain to engineering sciences. It is also presents the theoretical background required for algorithms and techniques applied to a large variety of concrete problems. A number of open questions as well as new future areas are also highlighted. This book will appeal to operations research analysts, engineers, community decision makers, academics, the military community, practitioners sharing the current "state-of-the-art," and analysts from coalition partners. Topics covered include Operations Research, Games and Control Theory, Computational Number Theory and Information Security, Scientific Computing and Applications, Statistical Modeling and Applications, Systems of Monitoring and Spatial Analysis.