

1. Record Nr.	UNISA996465302503316
Titolo	Evolutionary Computation in Combinatorial Optimization [[electronic resource] ] : 10th European Conference, EvoCOP 2010, Istanbul, Turkey, April 7-9, 2010, Proceedings / / edited by Peter I. Cowling, Peter Merz
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-38599-5 9786613563910 3-642-12139-X
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XII, 290 p. 67 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 6022
Classificazione	54.10 31.12 31.76 30.10 DAT 718f MAT 913f MAT 919f SS 4800
Disciplina	005.1
Soggetti	Algorithms Computer science Pattern recognition systems Computer vision Computer science—Mathematics Discrete mathematics Theory of Computation Automated Pattern Recognition Computer Vision Discrete Mathematics in Computer 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 and index.
Nota di contenuto	Dual Sequence Simulated Annealing with Round-Robin Approach for

University Course Timetabling -- Heuristic and Exact Methods for the Discrete (r |p)-Centroid Problem -- On the Benefit of Sub-optimality within the Divide-and-Evolve Scheme -- A Real-Integer-Discrete-Coded Differential Evolution Algorithm: A Preliminary Study -- Fitness Distance Correlation and Search Space Analysis for Permutation Based Problems -- A Genetic Algorithm to Minimize Chromatic Entropy -- Evolutionary Approaches to the Three-dimensional Multi-pipe Routing Problem: A Comparative Study Using Direct Encodings -- A Tabu Search Heuristic for Point Coverage, Sink Location, and Data Routing in Wireless Sensor Networks -- Ant Colony Optimization for Tree Decompositions -- Iterated Local Search with Path Relinking for Solving Parallel Machines Scheduling Problem with Resource-Assignable Sequence Dependent Setup Times -- Enhancing a Tabu Algorithm for Approximate Graph Matching by Using Similarity Measures -- Characterizing Fault-Tolerance of Genetic Algorithms in Desktop Grid Systems -- The Office-Space-Allocation Problem in Strongly Hierarchized Organizations -- A Study of Memetic Search with Multi-parent Combination for UBQP -- Bicriteria Scheduling Problem on the Two-Machine Flowshop Using Simulated Annealing -- A Memetic Algorithm for Workforce Distribution in Dynamic Multi-Skill Call Centres -- Geometric Generalization of the Nelder-Mead Algorithm -- Guided Ejection Search for the Pickup and Delivery Problem with Time Windows -- An Evolutionary Algorithm Guided by Preferences Elicited According to the ELECTRE TRI Method Principles -- Multilevel Variable Neighborhood Search for Periodic Routing Problems -- Enhancing Genetic Algorithms by a Trie-Based Complete Solution Archive -- A New Primal-Dual Genetic Algorithm: Case Study for the Winner Determination Problem -- Local Search Algorithms on Graphics Processing Units. A Case Study: The Permutation Perceptron Problem -- Efficient Cycle Search for the Minimum Routing Cost Spanning Tree Problem.

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2. Record Nr.	UNINA9910787246803321
Titolo	13th International Ceramics Congress : proceedings of the 13th International Ceramics Congress, part of CIMTEC 2014-13th International Ceramics Congress and 6th Forum on New Materials, June 8-13, 2014, Montecatini Terme, Italy. Part C // edited by Pietro Vincenzini, World Academy of Ceramics and National Research Council, Italy ; co-edited by Ali Erdemir, Argonne National Laboratory, USA [and three others]
Pubbl/distr/stampa	Faenza, Italy : , : TTP, , [2014] ©2014
ISBN	3-03826-685-X
Descrizione fisica	1 online resource (168 p.)
Collana	Advances in science and technology, , 1662-8969 ; ; volume 89
Disciplina	620.14
Soggetti	Ceramics Ceramic materials Ceramic engineering
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 and index.
Nota di contenuto	13th International Ceramics Congress - Part C; Preface; Table of Contents; Chapter 1: Materials for Tribology Applications; Novel Super-Elastic Materials for Advanced Bearing Applications; Tribological Behaviour of Ceramic Hip Replacements; Carbon Based Coatings for Hermetic Compressor Applications; Effect of Different Form of Carbon Addition on the Wear Behaviour of Copper Based Composites; Chapter 2: High and Ultra High Temperature Ceramics; Amorphization, Field Activated Sintering and Superplastic Forming of UHTCs; Nonoxide High-Melting Point Compounds as Materials for Extreme Conditions Reaction Bonded Si <sub>3</sub> N <sub>4</sub> (RBSN)/BN Composites for Industrial Applications Development and Processing of SiAlON Nano-Ceramics by Spark Plasma Sintering; Two-Step Pressureless Sintering of Silicon Carbide-Based Materials; Dispersion of Carbon Nanotubes in Alumina Using a Novel Mixing Technique and Spark Plasma Sintering of the Nanocomposites with Improved Fracture Toughness; Corrosion of Polymer-Derived Ceramics in Hydrofluoric Acid and Sodium Salts;

Fracture Mechanics of Y<sub>2</sub>O<sub>3</sub> Ceramics at High Temperatures;  
Development of Cordierite Ceramics from Natural Raw Materials  
First Principles Calculations of Interfaces in Ultra High Temperature  
Ceramics Influence of B<sub>4</sub>C, SiC and Si<sub>3</sub>N<sub>4</sub> Additions on Microstructures  
and Selected Properties of Titanium Nitride Matrix Materials Obtained  
by HPHT Method; Chapter 3: Max Phases; Critical Review of the  
Oxidation of Cr<sub>2</sub>AlC; Study of the Thermal Stability and Mechanical  
Characteristics of MAX Phases of Ti-Al-C(N) System and their Solid  
Solutions; Chapter 4: Fiber Composites; Heat-Resistant Inorganic  
Fibers; Poly-Siloxane Impregnation and Pyrolysis of Basalt Fibers for the  
Cost-Effective Production of CFCCs  
Multilayered Fiber-Reinforced Oxide Composites Produced by  
Lamination of Thermoplastic Prepregs Evaluation of Wearing Properties  
of Polyamide 66 Containing Glass Wool; Keywords Index; Authors Index

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Sommario/riassunto

Collection of selected, peer reviewed papers from the 13 th  
International Ceramics Congress, part of CIMTEC 2014-13 th  
International Ceramics Congress and 6 th Forum on New Materials, June  
8-13, 2014, Montecatini Terme, Italy. The 21 papers are grouped as  
follows: Chapter 1: Materials for Tribology Applications, Chapter 2:  
High and Ultra High Temperature Ceramics, Chapter 3: Max Phases,  
Chapter 4: Fiber Composites.

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