1. Record Nr. UNINA9910257401703321

Titolo	Dynamics of Multiphase Flows Across Interfaces [[electronic resource] /] / edited by Annie Steinchen
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1996
ISBN	3-540-49620-3
Edizione	[1st ed. 1996.]
Descrizione fisica	1 online resource (XII, 267 p. 44 illus.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 467
Disciplina	532/.56
Soggetti	Thermodynamics Mechanics Mechanics, Applied Statistical physics Dynamical systems Fluids Physical chemistry Theoretical and Applied Mechanics Complex Systems Fluid- and Aerodynamics Physical Chemistry Statistical Physics and Dynamical Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Balance equations for fluid curvilinear media -- The second gradient theory applied to interfaces: Models of continuum mechanics for fluid interfaces -- Asymptotic modelling of fluid-fluid interfaces -- Surface excess momentum balances by integration across the surface of the volume balances -- Extended irreversible thermodynamics: Towards a non-local formulation -- Transient surface properties of liquid bridge and pendant drop menisci in gravity and low gravity -- Bénard-Marangoni instability in a rotating liquid layer with a deformable free surface -- Balance equations and the problem of constitutive relations in varied dimensions curvilinear media -- Some preliminary results

about equilibrium surface model -- Experimental study of the convective phenomena during the evaporation of aqueous solutions of sucrose -- Experimental study of the competition between convective rolls in an enclosure -- Surface deflection in Bénard-Marangoni convection -- Cooling of small electronic devices by boiling under microgravity -- Modelling of transient boiling in microgravity -- Surface dynamics of surfactant solutions -- The capillary pressure method: A new tool for interfacial tension measurements -- Effects of evaporation-cond ensation on thermocapillary convection -- Behaviour of the liquid between a solid particle and an approaching crystallization front: Forces balance -- Disintegration of cylindrical liquid columns in liquid-fluid systems: Direct numerical simulation -- Microwave heating as a tool for coupling Marangoni and Hickman instabilities -- Pool boiling with an imposed electric field: Main results of a theoretical and experimental research -- Toward a non-equilibrium non-linear thermodynamics.

Sommario/riassunto

Written for researchers and advanced students the book exhibits a combination of various methods and tools required to describe the complexity of the chemical and physical behaviour of fluid surfaces. The common denominator for all the contributions presented here is the simultaneous use of concepts from surface chemistry and physics and from hydrodynamics where external force fields can be introduced. Theoretical and experimental work is equally represented. Most of the basic problems in the area of nonequilibrium multiphase systems have not yet received extensive treatment. This volume should be a reference for physicists, physico-chemists, and chemical engineers and will serve as a jumping-off point for new directions and new points of view.

2.

Record Nr.	UNISALENTO991002214919707536
Autore	Albizzi, Rinaldo : degli
Titolo	Commissioni di Rinaldo degli Albizzi per il comune di Firenze dal 1399 al 1433
Pubbl/distr/stampa	In Firenze : coi tipi di M. Cellini e C., 1867-1873
Descrizione fisica	3 v.(XXIII, 592; 613; 862 p.) ; 32 cm.
Collana	Documenti di storia italiana / pubblicati a cura della Regia Deputazione sugli studi di storia patria
Disciplina	945.511
Soggetti	Firenze Storia Sec. 15. Fonti
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Contiene: 1: 1399-1423; 2: 1424-1426; 3: 1426-1433 Prefazione di Cesare Guasti

3.

Record Nr.	UNINA9910156328303321
Autore	De Broe M.E
Titolo	Bone and Renal Failure : : International Symposium, Antwerp, November 1986 / / editors, M.E. De Broe, F.L. van de Vyver
Pubbl/distr/stampa	Basel : , : S. Karger, , 1988
ISBN	9783318033281 3318033286
Edizione	[1st ed.]
Descrizione fisica	1 online resource (VI + 178 pages) : : 34 figures, 24 tables
Collana	Contributions to Nephrology, , 1662-2782 ; ; Vol.64
Altri autori (Persone)	De BroeM. E (Marc E.) Van de VyverFrank L
Disciplina	616.6/14
Soggetti	Nephrology Pharmacology Biochemistry Histology Metabolic Diseases Metabolism Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

4. Record Nr. UNINA9910483057603321

Titolo	Swarm, Evolutionary, and Memetic Computing : First International Conference on Swarm, Evolutionary, and Memetic Computing, SEMCCO 2010, Chennai, India, December 16-18, 2010, Proceedings / / edited by Bijaya Ketan Panigrahi, Swagatam Das, Ponnuthurai Nagaratnam Suganthan, Subhransu Sekhar Dash
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-39065-4 9786613568571 3-642-17563-5
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XVIII, 755 p. 214 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 6466
Altri autori (Persone)	PanigrahiBijaya Ketan
Disciplina	006.3
Soggetti	Computer programming Computer science Artificial intelligence Algorithms Pattern recognition systems Computer networks Programming Techniques Theory of Computation Artificial Intelligence Automated Pattern Recognition Computer Communication Networks
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	Self-adaptive Differential Evolution with Modified Multi-Trajectory Search for CEC'2010 Large Scale Optimization -- Differential Evolution Based Ascent Phase Trajectory Optimization for a Hypersonic Vehicle -- Dynamic Grouping Crowding Differential Evolution with Ensemble of Parameters for Multi-modal Optimization -- Empirical Study on Migration Topologies and Migration Policies for Island Based

Distributed Differential Evolution Variants -- Differential Evolution Based Fuzzy Clustering -- A Population Adaptive Differential Evolution Strategy to Light Configuration Optimization of Photometric Stereo -- Solving Multi Objective Stochastic Programming Problems Using Differential Evolution -- Multi Sensor Fusion Using Fitness Adaptive Differential Evolution -- Differential Evolution Algorithm with Ensemble of Parameters and Mutation and Crossover Strategies -- Design of Robust Optimal Fixed Structure Controller Using Self Adaptive Differential Evolution -- Electromagnetic Antenna Configuration Optimization Using Fitness Adaptive Differential Evolution -- Analyzing the Explorative Power of Differential Evolution Variants on Different Classes of Problems -- A Self Adaptive Differential Evolution Algorithm for Global Optimization -- Optimization for Workspace Volume of 3R Robot Manipulator Using Modified Differential Evolution -- Adaptive Differential Evolution with p-Best Crossover for Continuous Global Optimization -- A New Particle Swarm Optimization Algorithm for Dynamic Environments -- Power Mutation Embedded Modified PSO for Global Optimization Problems -- PSO Advances and Application to Inverse Problems -- Adaptive and Accelerated Exploration Particle Swarm Optimizer (AAEPSO) for Solving Constrained Multiobjective Optimization Problems -- Expedite Particle Swarm Optimization Algorithm (EPSO) for Optimization of MSA -- Covariance Matrix Adapted Evolution Strategy Based Design of Mixed H2/H??? PID Controller -- Towards a Link between Knee Solutions and Preferred Solution Methodologies -- ARelation-Based Model for Convergence Analysis of Evolutionary Algorithm -- Neural Meta-Memes Framework for Combinatorial Optimization -- An Improved Evolutionary Programming with Voting and Elitist Dispersal Scheme -- Heuristic Algorithms for the L(2,1)-Labeling Problem -- Runtime Analysis of Evolutionary Programming Based on Cauchy Mutation -- Best Hiding Capacity Scheme for Variable Length Messages Using Particle Swarm Optimization -- Ant Colony Optimization for Markowitz Mean-Variance Portfolio Model -- Hybrid PSO Based Integration of Multiple Representations of Thermal Hand Vein Patterns -- Detection and Length Estimation of Linear Scratch on Solid Surfaces Using an Angle Constrained Ant Colony Technique -- An Intelligence Model with Max-Min Strategy for Constrained Evolutionary Optimization -- Parallel Ant-Miner (PAM) on High Performance Clusters -- A Software Tool for Data Clustering Using Particle Swarm Optimization -- An ACO Approach to Job Scheduling in Grid Environment -- Runtime Analysis of (1+1) Evolutionary Algorithm for a TSP Instance -- An Evolutionary Approach to Intelligent Planning -- Substitute Domination Relation for High Objective Number Optimization -- Discrete Variables Function Optimization Using Accelerated Biogeography-Based Optimization -- A Genetic Algorithm Based Augmented Lagrangian Method for Computationally Fast Constrained Optimization -- Evolutionary Programming Improved by an Individual Random Difference Mutation -- Taguchi Method Based Parametric Study of Generalized Generation Gap Genetic Algorithm Model -- EBFS-ICA: An Efficient Algorithm for CT-MRI Image Fusion -- Adaptive Nonlinear Signal Approximation Using Bacterial Foraging Strategy -- Swarm Intelligence for Optimizing Hybridized Smoothing Filter in Image Edge Enhancement -- A Hybrid GA-Adaptive Particle Swarm Optimization Based Tuning of Unscented Kalman Filter for Harmonic Estimation -- Using Social Emotional Optimization Algorithm to Direct Orbits of Chaotic Systems -- A Hybrid ANN-BFOA Approach for Optimization of FDM Process Parameters -- Bio Inspired Swarm Algorithm for Tumor Detection in Digital Mammogram -- A Hybrid Particle Swarm with Differential Evolution

Operator Approach (DEPSO) for Linear Array Synthesis -- Sensor Deployment in 3-D Terrain Using Artificial Bee Colony Algorithm -- Novel Particle Swarm Optimization Based Synthesis of Concentric Circular Antenna Array for Broadside Radiation -- A Particle Swarm Optimization Algorithm for Optimal Operating Parameters of VMI Systems in a Two-Echelon Supply Chain -- Enhanced Memetic Algorithm for Task Scheduling -- Quadratic Approximation PSO for Economic Dispatch Problems with Valve-Point Effects -- Fuzzified PSO Algorithm for OPF with FACTS Devices in Interconnected Power Systems -- Co-ordinated Design of AVR-PSS Using Multi Objective Genetic Algorithm -- A Genetic Algorithm Approach for the Multi-commodity, Multi-period Distribution Planning in a Supply Chain Network Design -- Particle Swarm Optimization with Watts-Strogatz Model -- Multi-objective Evolutionary Algorithms to Solve Coverage and Lifetime Optimization Problem in Wireless Sensor Networks -- Offline Parameter Estimation of Induction Motor Using a Meta Heuristic Algorithm -- Performance Evaluation of Particle Swarm Optimization Based Active Noise Control Algorithm -- Solution to Non-convex Electric Power Dispatch Problem Using Seeker Optimization Algorithm -- Swarm Intelligence Algorithm for Induction Motor Field Efficiency Evaluation -- Artificial Bee Colony Algorithm for Transient Performance Augmentation of Grid Connected Distributed Generation -- Performance Comparison of Attribute Set Reduction Algorithms in Stock Price Prediction - A Case Study on Indian Stock Data -- Dimensionality Reduction and Optimum Feature Selection in Designing Efficient Classifiers -- Social Emotional Optimization Algorithm for Nonlinear Constrained Optimization Problems -- Multi-Objective Optimal Design of Switch Reluctance Motors Using Adaptive Genetic Algorithm -- Genetic Algorithm Approaches to Solve RWA Problem in WDM Optical Networks -- Multi-objective Performance Optimization of Thermo-Electric Coolers Using Dimensional Structural Parameters -- An Artificial Physics Optimization Algorithm for Multi-Objective Problems Based on Virtual Force Sorting Proceedings -- Effective Document Clustering with Particle Swarm Optimization -- A Hybrid Differential Invasive Weed Algorithm for Congestion Management -- Security Constrained Optimal Power Flow with FACTS Devices Using Modified Particle Swarm Optimization -- Tuning of PID Controller Using Internal Model Control with the Filter Constant Optimized Using Bee Colony Optimization Technique -- An Efficient Estimation of Distribution Algorithm for Job Shop Scheduling Problem -- Semantic Web Service Discovery Algorithm Based on Swarm System -- Stochastic Ranking Particle Swarm Optimization for Constrained Engineering Design Problems -- A New Improved Particle Swarm Optimization Technique for Daily Economic Generation Scheduling of Cascaded Hydrothermal Systems -- Improved Real Quantum Evolutionary Algorithm for Optimum Economic Load Dispatch with Non-convex Loads -- Linear Array Geometry Synthesis with Minimum Side Lobe Level and Null Control Using Dynamic Multi-Swarm Particle Swarm Optimizer with Local Search -- Constraint Handling in Transmission Network Expansion Planning -- A Novel Multi-objective Formulation for Hydrothermal Power Scheduling Based on Reservoir End Volume Relaxation -- Particle Swarm Optimization and Varying Chemotactic Step-Size Bacterial Foraging Optimization Algorithms Based Dynamic Economic Dispatch with Non-smooth Fuel Cost Functions -- Hydro-thermal Commitment Scheduling by Tabu Search Method with Cooling-Banking Constraints.

Sommario/riassunto

This LNCS volume contains the papers presented at the First Swarm, Evolutionary and Memetic Computing Conference (SEMCCO 2010) held

during December 16— 18, 2010 at SRM University, Chennai, in India. SEMCCO 2010 marked the beginning of a prestigious international conference series that aims at bringing together researchers from academia and industry to report and review the latest progress in the cutting-edge research on swarm, evolutionary, and memetic computing, to explore new application areas, to design new bio-inspired algorithms for solving specific hard optimization problems, and finally to create awareness on these domains to a wider audience of practitioners. SEMCCO 2010 received 225 paper submissions from 20 countries across the globe. After a rigorous peer-review process involving 610 reviews in total, 90 fu- length articles were accepted for oral presentation at the conference. This corresponds to an acceptance rate of 40% and is intended for maintaining the high standardsof the conference proceedings. The papers included in this LNCS volume cover a wide range of topics in swarm, evolutionary, and memetic computing algorithms and their real-world applications in problems selected from diverse domains of science and engineering.