Trends in Intelligent Systems and Computer Engineering [

Castillo, Oscar,
editor

Springer US,
2008

Monografía

Trends in Intelligent Systems and Computer Engineering compiles revised and extended articles written by prominent researchers participating in the International MultiConference of Engineers and Computer Scientists (IMECS) 2007. This volume addresses the demand for theories and applications of intelligent systems and computer engineering to meet the needs of rapidly developing high technologies. Topics covered in this book include: Automated Planning Expert Systems Machine Learning Fuzzy Systems Knowledge-based Systems Computer Systems Organization Computing Methodologies Trends in Intelligent Systems and Computer Engineering offers the latest information on the advances in intelligent systems and computer engineering and serves as an excellent reference work for researchers and graduate students working in this area

Título: Trends in Intelligent Systems and Computer Engineering Recurso electrónico-En línea] edited by Oscar Castillo, Li Xu, Sio-Iong Ao

Editorial: Boston, MA Springer US 2008

Descripción física: online resource

Tipo Audiovisual: Engineering Computer network architectures Computer Communication Networks Artificial intelligence Computer engineering Telecommunication Engineering Communications Engineering, Networks Computer Communication Networks Signal, Image and Speech Processing Artificial Intelligence (incl. Robotics) Electrical Engineering Computer Systems Organization and Communication Networks

Mención de serie: Lecture Notes in Electrical Engineering 1876-1100 6

Documento fuente: Springer eBooks

Nota general: Computer Science (Springer-11645)

Contenido: A Metamodel-Assisted Steady-State Evolution Strategy for Simulation-Based Optimization -- Automatically Defined Groups for Knowledge Acquisition from Computer Logs and Its Extension for Adaptive Agent Size -- Robust Hybrid Sliding Mode Control for Uncertain Nonlinear Systems Using Output Recurrent CMAC -- A Dynamic GA-Based Rhythm Generator -- Evolutionary Particle Swarm Optimization: A Metaoptimization Method with GA for Estimating Optimal PSO Models -- Human\2013Robot Interaction as a Cooperative Game -- Swarm and Entropic Modeling for Landmine Detection Robots -- Iris Recognition Based on

2D Wavelet and AdaBoost Neural Network -- An Improved Multiclassifier for Soft Fault Diagnosis of Analog Circuits -- The Effect of Background Knowledge in Graph-Based Learning in the Chemoinformatics Domain -- Clustering Dependencies with Support Vectors -- A Comparative Study of Gender Assignment in a Standard Genetic Algorithm -- PSO Algorithm for Primer Design -- Genetic Algorithms and Heuristic Rules for Solving the Nesting Problem in the Package Industry -- MCSA-CNN Algorithm for Image Noise Cancellation -- An Integrated Approach Providing Exact SNP IDs from Sequences -- Pseudo-Reverse Approach in Genetic Evolution -- Microarray Data Feature Selection Using Hybrid GA-IBPSO -- Discrete-Time Model Representations for Biochemical Pathways -- Performance Evaluation of Decision Tree for Intrusion Detection Using Reduced Feature Spaces -- Novel and Efficient Hybrid Strategies for Constraining the Search Space in Frequent Itemset Mining -- Detecting Similar Negotiation Strategies -- Neural Networks Applied to Medical Data for Prediction of Patient Outcome -- Prediction Method for Real Thai Stock Index Based on Neurofuzzy Approach -- Innovative Technology Management System with Bibliometrics in the Context of Technology Intelligence -- Cobweb/IDX: Mapping Cobweb to SQL -- Interoperability of Performance and Functional Analysis for Electronic System Designs in Behavioural Hybrid Process Calculus (BHPC) -- Partitioning Strategy for Embedded Multiprocessor FPGA Systems -- Interpretation of Sound Tomography Image for the Recognition of Ganoderma Infection Level in Oil Palm -- A Secure Multiagent Intelligent Conceptual Framework for Modeling Enterprise Resource Planning -- On Generating Algebraic Equations for A5-Type Key Stream Generator -- A Simulation-Based Study on Memory Design Issues for Embedded Systems -- SimDiv: A New Solution for Protein Comparison -- Using Filtering Algorithm for Partial Similarity Search on 3D Shape Retrieval System -- Topic-Specific Language Model Based on Graph Spectral Approach for Speech Recognition -- Automatic Construction of FSA Language Model for Speech Recognition by FSA DP-Matching -- Density: A Context Parameter of Ad Hoc Networks -- Integrating Design by Contract Focusing Maximum Benefit -- Performance Engineering for Enterprise Applications -- A Framework for UML-Based Software Component Testing -- Extending the Service Domain of an Interactive Bounded Queue -- A Hybrid Evolutionary Approach to Cluster Detection -- Transforming the Natural Language Text for Improving Compression Performance -- Compression Using Encryption

Restricciones de acceso: Accesible sólo para usuarios de la UPV

Tipo recurso electrónico: Recurso a texto completo

Detalles del sistema: Forma de acceso: Web

ISBN: 9780387749358 978-0-387-74935-8

Autores: Xu, Li., editor Ao, Sio-Iong., editor

Entidades: SpringerLink (Servicio en línea)

Enlace a formato físico adicional: Printed edition 9780387749341

Punto acceso adicional serie-Título: Lecture Notes in Electrical Engineering 1876-1100 6
