

1. Record Nr.	UNINA9910437768703321
Titolo	Advances in Computing and Information Technology : Proceedings of the Second International Conference on Advances in Computing and Information Technology (ACITY) July 13-15, 2012, Chennai, India - Volume 2 // edited by Natarajan Meghanathan, Dhinaharan Nagamalai, Nabendu Chaki
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	9786613943866 9781283631419 1283631415 9783642315527 3642315526
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (900 p.)
Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 177
Altri autori (Persone)	MeghanathanNatarajan <1977-> NagamalaiDhinaharan ChakiNabendu
Disciplina	004.6
Soggetti	Computational intelligence Electrical engineering Application software Computer vision Computational Intelligence Electrical and Electronic Engineering Computer and Information Systems Applications Computer Vision
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	Title Page; Preface; Organization; Contents; Computing and Information Technology Algorithms and Applications; Digital Image Processing and Pattern Recognition; Analysis, Control and Synchronization of Hyperchaotic Zhou System via Adaptive Control; Introduction; Analysis of the Hyperchaotic Zhou System; Adaptive Control of the Hyperchaotic

Zhou System; Main Results; Numerical Results; Adaptive Synchronization of the Hyperchaotic Zhou System; Main Results; Numerical Results; Conclusions; References; Secured Ontology Matching Using Graph Matching; Introduction; Related Work Graph Matching Technique Used Generalizing Hubs and Authorities[17]; Secured Ontology Mapping Using Graph Matching; Results; Conclusion; References; Image Restoration Using Knowledge from the Image; Introduction; Restoration Algorithm; Experimentation; Conclusion; References; Harmony-Based Feature Weighting to Improve the Nearest Neighbor Classification; Introduction; Related Works; Receiver Operating Characteristic (ROC); Proposed Method; Harmony Search (HS); Fitness Function; Experimental Results; Discussion; Conclusion; References

Effectiveness of Different Partition Based Clustering Algorithms for Estimation of Missing Values in Microarray Gene Expression Data Introduction; Different Partition-Based Clustering Algorithms for Estimation of Missing Values; Notation; c-Means Clustering Algorithm; Fuzzy c-Means (FCM) Clustering Algorithm; Possibilistic c-Means (PCM) Clustering Algorithm; Fuzzy-Possibilistic c-Means (FPCM) Clustering Algorithm; Imputation of Missing Values; Experimental Results; Conclusion; References; MACREE - A Modern Approach for Classification and Recognition of Earthquakes and Explosions; Introduction

Discriminative Features Recognition Features; Decision Support System; The Working of Next Step; References; Building Concept System from the Perspective of Development of the Concept; Activities of Senior Intelligence; The Development of Concept System; FramNet; Semantic Web; Concept Map; Concept Lattice; HowNet; HNC; Ontology; Conclusions; References; E-Government Adoption: A Conceptual Demarcation; Introduction; E-Government; E-Government Services; Discussion: E-Government Adoption Factors; Discussions: E-Government Challenges; Conclusion; References

Expert Webest Tool: A Web Based Application, Estimate the Cost and Risk of Software Project Using Function Points Introduction; Background and Related Work; Expert Webest Tool; Estimate the Cost of Project; Experimental Work; Conclusion; References; A Web-Based Adaptive and Intelligent Tutor by Expert Systems; Introduction; Intelligent E-Learning System; Adaptive E-Learning; Learning Styles; Proposed System; Learning Environment; Training Method; Learning Styles; Conclusion; References; Traffic Light Synchronization; Introduction; Existing System; Proposed Technology; Architecture

Functional Units

Sommario/riassunto

The international conference on Advances in Computing and Information technology (ACITY 2012) provides an excellent international forum for both academics and professionals for sharing knowledge and results in theory, methodology and applications of Computer Science and Information Technology. The Second International Conference on Advances in Computing and Information technology (ACITY 2012), held in Chennai, India, during July 13-15, 2012, covered a number of topics in all major fields of Computer Science and Information Technology including: networking and communications, network security and applications, web and internet computing, ubiquitous computing, algorithms, bioinformatics, digital image processing and pattern recognition, artificial intelligence, soft computing and applications. Upon a strength review process, a number of high-quality, presenting not only innovative ideas but also a founded evaluation and a strong argumentation of the same, were selected and collected in the present proceedings, that is composed of three

different volumes.
