

Ficha de investigador

Ignacio Rojas

Grupo de Investigación: CIRCUITOS Y SISTEMAS PROCESAMIENTO DE LA INFORMACION (Cod.: TIC117)

Departamento: Universidad de Granada. Arquitectura y Tecnología de Computadores

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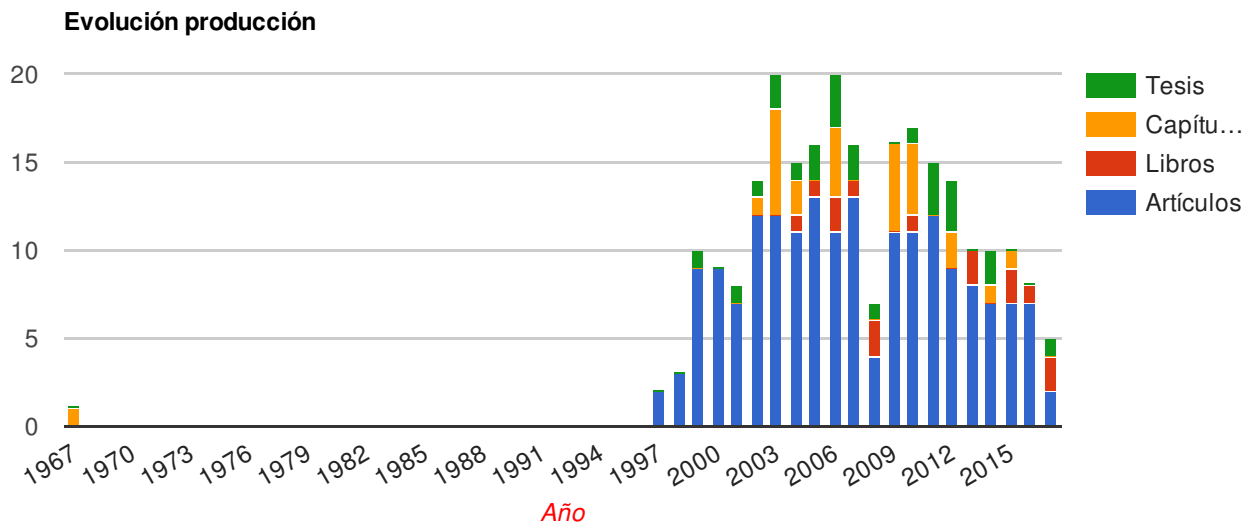
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Ficha del Directorio

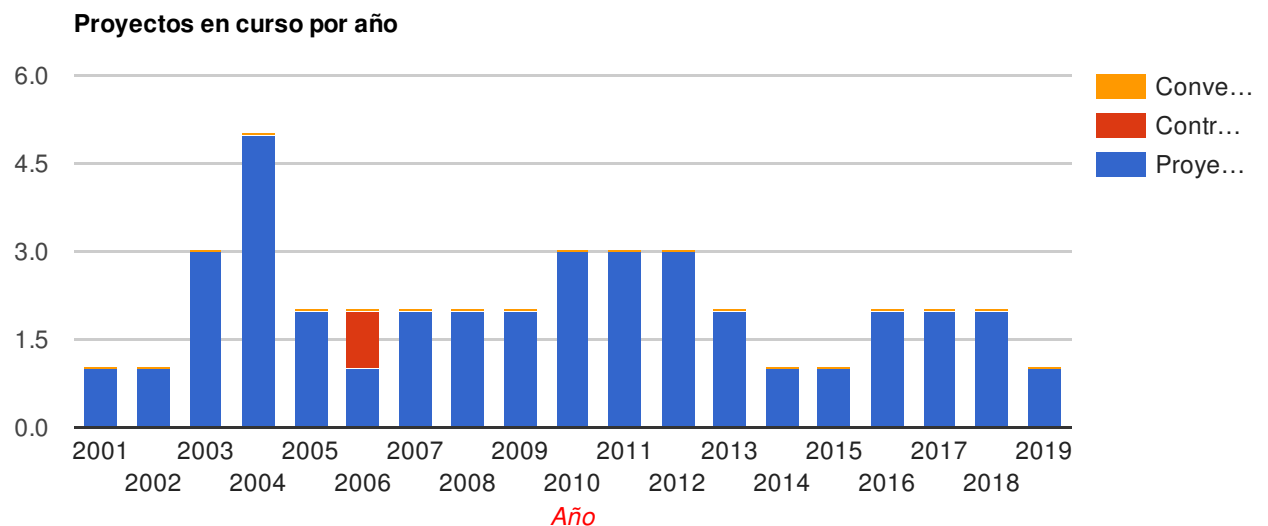
Producción 246

Artículos (180) Libros (15) Capítulos de Libros (27) Tesis dirigidas (24)



Proyectos dirigidos 12

Proyectos (11) Contratos (1) Convenios (0)



Actividades 0

Título publicación	Fuente	Tipo	Fecha
Advances in computational intelligence, part i	Springer, cham	Libros	2017
Advances in computational intelligence, part ii	Springer, cham	Libros	2017
Extending the concepts of type-2 fuzzy logic and systems	Universidad de granada. arquitectura y tecnología de computadores	Tesis doctoral	2017
Mimu-wear: ontology-based sensor selection for real-world wearable activity recognition	Neurocomputing	Articulo	2017
Statistical analysis of the main configuration parameters of the network dynamic and adaptive radio protocol (darp)	Sensors	Articulo	2017
Decision support system to determine intention to use mobile payment systems on social networks: a methodological analysis	International journal of intelligent systems	Articulo	2016
Identification of gene expression profiling associated with erlotinib-related skin toxicity in pancreatic adenocarcinoma patients.	Toxicology and applied pharmacology	Articulo	2016
Join and meet operations for type-2 fuzzy sets with non-convex secondary memberships	IEEE transactions on fuzzy systems	Articulo	2016
Main findings and advances in biomedical engineering and bioinformatics from iwbbio 2015	Biomedical engineering online	Articulo	2016
Neural networks: an overview of early research, current frameworks and new challenges	Neurocomputing	Articulo	2016
Ontology-based high-level context inference for human behavior identification	Sensors	Articulo	2016
Recent advances in bioinformatics and biomedical engineering (selected articles from iwbbio 2014)	Current bioinformatics	Articulo	2016
Time series analysis and forecasting	Springer	Libros	2016
A hierarchical classification for the selection of the most suitable multiple sequence alignment methodology	Current bioinformatics	Articulo	2015
Advances in computational intelligence, part i	Springer, cham	Libros	2015
Advances in computational intelligence, part ii	Springer, cham	Libros	2015
Comparing different machine learning and mathematical regression models to evaluate multiple sequence alignments	Neurocomputing	Articulo	2015
Design, implementation and validation of a novel open framework for agile development of mobile health applications	Biomedical engineering online	Articulo	2015
Multi-sensor fusion based on asymmetric decision weighting for robust activity recognition	Neural processing letters	Articulo	2015
On the development of a real-time multi-sensor activity recognition system	Ambient assisted living: ict-based solutions in real life situations	Capítulo de libro	2015
Prognosis relevance of serum cytokines in pancreatic cancer	Biomed research international	Articulo	2015
Special issue on advances in computational intelligence and machine learning (iwann 2013)	Soft computing	Articulo	2015
Mdurance: a novel mobile health system to support trunk endurance assessment	Sensors	Articulo	2015
A new adaptive and self organizing fuzzy policy to enhance the real time control performance	International journal of computational intelligence systems	Articulo	2014
Dealing with the effects of sensor displacement in wearable activity recognition	Sensors	Articulo	2014
Development of advanced computational systems for multiple sequence alignments by using heterogeneous biological information		Tesis doctoral	2014
Fast feature selection in a gpu cluster using the delta test	Entropy	Articulo	2014

Physiodroid: combining wearable health sensors and mobile devices for a ubiquitous, continuous, and personal monitoring	The scientific world journal	Articulo	2014
Robust expert systems for more flexible real-world activity recognition	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2014
Serum cytokine profile in patients with pancreatic cancer	Pancreas	Articulo	2014
Transcriptional profiling of peripheral blood in pancreatic adenocarcinoma patients identifies diagnostic biomarkers	Digestive diseases and sciences	Articulo	2014
Window size impact in human activity recognition	Sensors	Articulo	2014
Mhealthdroid: a novel framework for agile development of mobile health applications	Ambient assisted living and daily activities	Capítulo de libro	2014
Advances in computational intelligence, part i	Springer, berlin, heidelberg	Libros	2013
Advances in computational intelligence, part ii	Springer, berlin, heidelberg	Libros	2013
Ambient assisted living devices interoperability based on osgi and the x73 standard	Telemedicine journal and e-health	Articulo	2013
An effective, practical and low computational cost framework for the integration of heterogeneous data to predict functional associations between proteins by means of artificial neural networks	Neurocomputing	Articulo	2013
Multiobjective optimization and comparison of nonsingleton type-1 and singleton interval type-2 fuzzy logic systems	IEEE transactions on fuzzy systems	Articulo	2013
New online self-evolving neuro fuzzy controller based on the tase- η model	Information sciences	Articulo	2013
Optimizing multiple sequence alignments using a genetic algorithm based on three objectives: structural information, non-gaps percentage and totally conserved columns	Bioinformatics (oxford. print)	Articulo	2013
Parametric and non-parametric feature selection for kidney transplants	Lecture notes in computer science	Articulo	2013
Predicting the accuracy of multiple sequence alignment algorithms by using computational intelligent techniques	Nucleic acids research	Articulo	2013
Using cited references to improve the retrieval of related biomedical documents.	Bmc bioinformatics	Articulo	2013
A deterministic model selection scheme for incremental rbfn construction in time series forecasting	Neural computing & applications	Articulo	2012
A deterministic model selection scheme for incremental rbfn construction in time series forecasting	Neural computing & applications	Articulo	2012
An auditory brain-computer interface with accuracy prediction	Neural computing & applications	Articulo	2012
Applying multi-objective optimization for variable selection to analyse user trust in electronic banking	Management intelligent systems. first international symposium	Capítulo de libro	2012
An enhanced clustering function approximation technique for a radial basis function neural network	Mathematical and computer modelling	Articulo	2012
Análisis estadístico de distintas técnicas de inteligencia artificial en detección de intrusos	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2012
Daily living activity recognition based on statistical feature quality group selection	Expert systems with applications	Articulo	2012
Estudio estadístico de algoritmos de control inteligente en tiempo real. aplicación en una plataforma hardware de control de temperatura		Tesis doctoral	2012
Evolutionary approaches for variable selection using a non-parametric noise estimator	Parallel architectures and bioinspired algorithms parallel architectures and	Capítulo de libro	2012

	bioinspired algorithms		
Intelligent decision-making systems for the diagnosis of alzheimer's disease using mr images	International journal of psychophysiology	Articulo	2012
New methodologies for the design of evolving fuzzy systems for online intelligent control		Tesis doctoral	2012
On the use of sensor fusion to reduce the impact of rotational and additive noise in human activity recognition	Sensors	Articulo	2012
Selecting negative samples for ppi prediction using hierarchical clustering methodology	Journal of applied mathematics	Articulo	2012
Using machine learning techniques and genomic/proteomic information from known databases for defining relevant features for ppi classification	Computers in biology and medicine	Articulo	2012
A heuristic method for parameter selection in ls-svm: application to time series prediction	International journal of forecasting	Articulo	2011
A new methodology for the online adaptation of fuzzy self-structuring controllers	IEEE transactions on fuzzy systems	Articulo	2011
Accelerating network applications by distributed interfaces on heterogeneous multiprocessor architectures	Journal of supercomputing	Articulo	2011
Desarrollo de un entorno integrado para un computador didáctico elemental, para la asignatura de fundamentos de informática del nuevo grado en ingeniería de tecnologías de telecomunicación	Enseñanza y aprendizaje de ingeniería de computadores	Articulo	2011
Determining marital dissolutions duration with fuzzy inference systems	Case studies in business, industry and government statistics	Articulo	2011
El perfil de ingeniería de computadores y las asignaturas de estructura y arquitectura de computadores en el grado de ingeniería informática	Enseñanza y aprendizaje de ingeniería de computadores	Articulo	2011
Enhanced clustering function approximation technique for rbf neural network (doi:10.1016/j.mcm.2011.07.010)	Mathematical and computer modelling	Articulo	2011
Generating balanced learning and test sets for function approximation problems	International journal of neural systems	Articulo	2011
Global and local modelling in rbf networks	Neurocomputing	Articulo	2011
Improving ips by network processors	Journal of supercomputing	Articulo	2011
Intelligent systems for function approximation and the integration of heterogeneous biological data		Tesis doctoral	2011
Intelligent systems for function approximation and the integration of heterogeneous biological data	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2011
Method for prediction of protein-protein interactions in yeast using genomics/proteomics information and feature selection	Neurocomputing	Articulo	2011
Nuevos métodos de predicción de interacción de proteína-proteína utilizando sistemas inteligentes en bases de datos de proteómica	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2011
The tase-nf model for function approximation problems: approaching local and global modelling	Fuzzy sets and systems	Articulo	2011
Analysis of the inducing factors involved in cardiomyocytic differentiation of stem cells using feature selection techniques, support vector machines and decision trees	Medmol research reports	Articulo	2010
Adaptative and self-organizing classic and fuzzy control using a mixture of direct and indirect control policies in real time through collaborative genetic programming	Hpc-europa2: science and supercomputing in europe research highlights 2010	Capítulo de libro	2010
Applying multiobjective rbfnn optimization and feature selection to a mineral reduction problem	Expert systems with applications	Articulo	2010

Chapter 5: method for prediction of protein-protein interactions in yeast using genomics/proteomics information and feature selection.	Proteomics: methods, applications and limitations	Capítulo de libro	2010
Design of specific-to-problem kernels and use of kernel weighted k-nearest neighbours for time series modelling	Neurocomputing	Articulo	2010
Effect of pre-processing methods on microarray	The 2010 international joint conference on neural networks	Capítulo de libro	2010
Global gene expression profiling of peripheral blood pancreas adenocarcinoma patients to determine potential biomarkers to treatment response	Medmol research reports	Articulo	2010
lii simposio de inteligencia computacional	Ibergarceta publicaciones, s.l.	Libros	2010
Local-global neuro-fuzzy system for color change modelling	International journal of hybrid intelligent systems	Articulo	2010
Modelos avanzados de inteligencia computacional para aproximación funcional y predicción de series temporales en arquitecturas paralelas.	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2010
Modifications in saccadic pulse and step components in cuban ataxia sca2 patients	International journal of psychophysiology	Articulo	2010
New method for instance or prototype selection using mutual information in time series prediction	Neurocomputing	Articulo	2010
Online self-evolving fuzzy controller with global learning capabilities.	Evolving systems	Articulo	2010
Prediction of color change after tooth bleaching using fuzzy logic for vita classical shades identification	Applied optics	Articulo	2010
Recursive prediction for long term time series forecasting	Forecasting models: methods & applications	Capítulo de libro	2010
Strengthening the forward variable selection stopping criterion	Lecture notes in computer science	Articulo	2010
Using near-infrared spectroscopy in the classification of white and iberian pork with neural networks	Neural computing & applications	Articulo	2010
Applications in bio-informatics and biomedical engineering	Lecture notes in computer science	Articulo	2009
Cmucam2 communication system design to facilitate the teaching in robotics: telesurveillance case study	Research, reflections and innovations in integrating ict in education	Capítulo de libro	2009
Creation of specific-to-problem kernel functions for function approximation	Lecture notes in computer science	Articulo	2009
Efficient optimization of the parameters of ls-svm for regression versus cross-validation error	Lecture notes in computer science	Articulo	2009
Global and local modelling in radial basis functions networks	Lecture notes in computer science	Articulo	2009
Implementation of a didactic interpreter for code-2	Research, reflections and innovations in integrating ict in education	Capítulo de libro	2009
Intelligent classifier for atrial fibrillation (ecg)	Encyclopedia of artificial intelligence	Capítulo de libro	2009
Intelligent system based on genetic programming for atrial fibrillation classification	Applied artificial intelligence	Articulo	2009
Method for prediction of protein-protein interactions in yeast using genomics/proteomics information and feature selection	Lecture notes in computer science	Articulo	2009
Mutual information based initialization of forward-backward search for feature selection in regression problems	Lecture notes in computer science	Articulo	2009

On selecting the best pre-processing method for affymetrix genechips	Bio-inspired systems: computational and ambient intelligence	Capítulo de libro	2009
On selecting the best pre-processing method for affymetrix genechips	Lecture notes in computer science	Articulo	2009
Prediction of time series using rbf neural networks: a new approach of clustering	The international arab journal of information technology	Articulo	2009
Parallel multiobjective memetic rbfnn design and feature selection for function approximation problems	Neurocomputing	Articulo	2009
Strengthening the forward variable selection stopping criterion	Lecture notes in computer science	Articulo	2009
Teaching digital systems design with a new didactic environment through the internet	Research, reflections and innovations in integrating ict in education	Capítulo de libro	2009
Aproximacion funcional mediante redes de funciones de base radial, una alternativa para la prediccion en el proceso de reduccion de mineral de la tecnologia caron de produccion de niquel	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2008
Hybridization of intelligent techniques and arima models for time series prediction: theme: fuzzy models and approximation methods	Fuzzy sets and systems	Articulo	2008
Introducción al análisis de seriestemporales utilizando métodos lineales y no lineales	Copicentro granada, s.l.	Libros	2008
Soft-computing techniques and arma model for time series prediction	Neurocomputing	Articulo	2008
Soft-computing techniques and arma model for time series prediction: neural networks: algorithms and applications, 4th international symposium on neural networks; 50 years of artificial intelligence: a neuronal approach, campus multidisciplinary in p	Neurocomputing	Articulo	2008
Studying possibility in a clustering algorithm for rbfnn design for function approximation	Neural computing & applications	Articulo	2008
Tecnología de computadores. material didáctico	Copicentro granada, s.l.	Libros	2008
A first approach to birth weight prediction using rbfnn	Lecture notes in computer science	Articulo	2007
A new hybrid methodology for cooperative-coevolutionary optimization of radial basis function networks	Soft computing	Articulo	2007
Boosting the performance of a multiobjective algorithm to design rbfnn through parallelization	Lecture notes in computer science	Articulo	2007
Coevrbf: an approach to solving the classification problem with a hybrid cooperative-coevolutive algorithm	Lecture notes in computer science	Articulo	2007
Diseño de sistemas inteligentes en plataformas de cómputo paralelas	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2007
Guest editorial genetic fuzzy systems: what's next? an introduction to the special section	IEEE transactions on fuzzy systems	Articulo	2007
LI simposio de inteligencia computacional	Thomson	Libros	2007
Improving the accuracy while preserving the interpretability of fuzzy function approximators by means of multi-objective evolutionary algorithms	International journal of approximate reasoning	Articulo	2007
Kernel methods applied to time series forecasting	Lecture notes in computer science	Articulo	2007
Multigrid-based fuzzy systems for time series prediction: cats competition	Neurocomputing	Articulo	2007
On incorporating seasonal information on recursive time series predictors	Lecture notes in computer science	Articulo	2007

Output value-based initialization for radial basis function neural networks	Neural processing letters	Articulo	2007
Parallel multi-objective memetic rbfnn design and feature selection for function	Lecture notes in computer science	Articulo	2007
Recursive prediction for long term time series forecasting using advanced models	Neurocomputing	Articulo	2007
Sistemas inteligentes adaptativos para aproximación y predicción utilizando arquitecturas avanzadas	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2007
Using fuzzy logic to improve a clustering technique for function approximation	Neurocomputing	Articulo	2007
A fuzzy-possibilistic fuzzy ruled clustering algorithm for rbfnn design	Lecture notes in computer science	Articulo	2006
Adaptive fuzzy controller: application to the control of the temperature of a dynamic room in real time	Fuzzy sets and systems	Articulo	2006
Advanced didactic computer trainer for the simulation and checking of the functional blocks of a personal computer	Current developments in technology-assisted education (2006)	Capítulo de libro	2006
Desarrollo de sistemas inteligentes para clasificación y diagnóstico en medicina	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2006
Development of a high accuracy analogue-to-digital converter system: application in data logging units for formula-1 vehicles	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2006
Efective input variable selection for function approximation	Lecture notes in computer science	Articulo	2006
Estructura de los computadores: un enfoque didáctico	Universidad de granada	Libros	2006
Feature selection using mutual information and neural networks	Monografias del seminario matematico garcia de galdeano	Capítulo de libro	2006
Herramientas avanzadas para la simulacion de sistemas complejos	Universidad de granada	Libros	2006
Hierarchical structure for function approximation using radial basis function	Wseas transactions on mathematics	Articulo	2006
Improving the performance of multi-objective genetic algorithm for function approximation through parallel islands specialisation	Lecture notes in computer science	Articulo	2006
Multi-objective evolution of fuzzy systems	Soft computing	Articulo	2006
Multiobjective rbfnn designer for function approximation: an application for mineral reduction	Lecture notes in computer science	Articulo	2006
Novel assembler to facilitate the understanding of how processors work	Current developments in technology-assisted education (2006)	Capítulo de libro	2006
Predicting time series with advanced hybrid systems	Wseas transactions on mathematics	Articulo	2006
Region of interest detection using jensen-shannon divergence for fluorescence image of skin lesion	Applications of soft computing: recent trends	Capítulo de libro	2006
Region of interest detection using jensen-shannon divergence for fluorescence image of skin lesion	Wseas transactions on mathematics	Articulo	2006
Skin lesion diagnosis using fluorescence images	Lecture notes in computer science	Articulo	2006
Statistical analysis of the different operator involved in the fuzzy inference process	Lecture notes in computer science	Articulo	2006
Study and characterization with scanning probe methods of employable nano-materials in new architectures for molecular	Universidad de granada. arquitectura y tecnologia	Tesis doctoral	2006

memories	de computadores	doctoral	
A basic approach to reduce the complexity of a self-generated fuzzy rule-table for function approximation by use of symbolic interpolation	Lecture notes in computer science	Articulo	2005
A basic approach to reduce the complexity of a self-generated fuzzy rule-table for function approximation by use of symbolic regression in 1d and 2d cases	Lecture notes in computer science	Articulo	2005
A possibilistic approach to rbf centers initialization	Lecture notes in computer science	Articulo	2005
Analysis of the tase-ii tsk-type fuzzy system for function approximation	Lecture notes in computer science	Articulo	2005
Application of anova to a cooperative-coevolutionary optimization of rbfns	Lecture notes in computer science	Articulo	2005
Clustering-based tsk neuro-fuzzy model for function approximation with interpretable sub-models	Lecture notes in computer science	Articulo	2005
Desarrollo y optimización de nuevos modelos de redes neuronales basadas en funciones de base radial	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2005
Herramienta informática para matemáticas	Copicentro granada	Libros	2005
Improving clustering technique for functional approximation problem using fuzzy logic: icfa algorithm	Lecture notes in computer science	Articulo	2005
Input variable selection in hierarchical rbf networks	Lecture notes in computer science	Articulo	2005
Interpretable rule extraction and function approximation from numerical input/output data using the modified fuzzy tsk model: tase model	Lecture notes in computer science	Articulo	2005
Modelado de sistemas complejos mediante estructuras jerárquicas de funciones de redes de funciones de base radial	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2005
New technique for initialization of centres in tsk clustering-based fuzzy systems	Lecture notes in computer science	Articulo	2005
Rbf centers initialization using fuzzy clustering technique for function approximation problems	Fuzzy economic review	Articulo	2005
Tase model for long term time series forecasting	Lecture notes in computer science	Articulo	2005
Using fuzzy clustering technique for function approximation to approximate ecg signals	Lecture notes in computer science	Articulo	2005
A new geometrical ica-based method for blind separation of signals	Lecture notes in computer science	Articulo	2004
A novel approach to arma time series model identification by neural networks	Wseas transactions on circuits and systems	Articulo	2004
Analysis of the functional block and operator involved in fuzzy system design	Lecture notes in computer science	Articulo	2004
Automatic identification of arima time series by expert systems using paradigms of artificial intelligence	Monografias del seminario matematico garcia de galdeano	Capítulo de libro	2004
Blind source separation in post-nonlinear mixtures using competitive learning, simulated annealing, and a genetic algorithm	IEEE transactions on systems, man, and cybernetics. part c: applications and reviews	Articulo	2004
Estructura de los computadores	Universidad de granada	Libros	2004
Evolución multiobjetivo de los parámetros de una red de funciones base radiales para problemas de aproximación funcional	Optimización inteligente : técnicas de inteligencia computacional para optimización	Capítulo de libro	2004

	optimizacion		
Function approximation through fuzzy systems using taylor series expansion-based rules: interpretability and parameter tuning	Lecture notes in computer science	Articulo	2004
Geometrical ica-based method for blind separation of super-gaussian signals	Lecture notes in computer science	Articulo	2004
Multigrid-based fuzzy systems for function approximation	Lecture notes in computer science	Articulo	2004
On-line global learning in direct fuzzy controllers	IEEE transactions on fuzzy systems	Articulo	2004
Plugging an histogram-based contrast function on a genetic algorithm for solving postnonlinear-bss	Lecture notes in computer science	Articulo	2004
Statistical analysis of intelligent classifier on breast cancer data	Wseas transactions on biology and biomedicine	Articulo	2004
The synergy between classical and soft-computing techniques for time series prediction	Lecture notes in computer science	Articulo	2004
Un nuevo algoritmo para la separacion de simbolos en el sistema ds-cdma-downlink	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2004
A new geometrical ica-based method for blind separation of speech signals	Lecture notes in computer science	Articulo	2003
A novel simulator to facilitate the teaching of microprogrammed processors	Advances in technology-based education: toward a knowledge-based society	Capítulo de libro	2003
Analysis of the functional block and operator involved in fuzzy system design	Lecture notes in computer science	Articulo	2003
Automatic construction of fuzzy rule-based systems: a trade-off between complexity and accuracy maintaining interpretability	Accuracy improvements in linguistic fuzzy modeling	Capítulo de libro	2003
Co-evolutionary algorithm for rbf by self-organizing population of neurons	Lecture notes in computer science	Articulo	2003
Desarrollo de modelos avanzados para la identificación de series temporales basados en la metodología box-jenkins con modelo arima	Universidad de granada. matemática aplicada	Tesis doctoral	2003
Designing a phenotypic distance index for radial basis function neural networks	Lecture notes in computer science	Articulo	2003
Diseño y optimización de redes de funciones de base radial mediante técnicas bioinspiradas	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2003
Evolución multiobjetivo de los parámetros de una red de funciones base radiales para problemas de aproximación funcional	Optimización inteligente	Capítulo de libro	2003
Evolutionary algorithm using mutual information for independent component analysis	Lecture notes in computer science	Articulo	2003
Evolving two-dimensional fuzzy systems.	Fuzzy sets and systems	Articulo	2003
Independent component analysis evolution based method for nonlinear speech processing	Lecture notes in computer science	Articulo	2003
Multiobjective evolutionary optimization of the size, shape, and position parameters of radial basis function networks for function approximation	IEEE transactions on neural networks	Articulo	2003
Sequential learning algorithm of neural networks systems for time series	Lecture notes in computer science	Articulo	2003
Skin cancer diagnosis based on image processing: an on-line challenge for a doctoral course on bio-medical applications	Advances in technology-based education: toward a knowledge-based society	Capítulo de libro	2003
Skin lesions diagnosis based on fluorescent image processing: simple parameters scanning	Lecture notes in computer science	Articulo	2003

Studying the convergence of the cfa algorithm	Lecture notes in computer science	Articulo	2003
Tele-surveillance system for the detection of movement using internet	Advances in technology-based education: toward a knowledge-based society	Capítulo de libro	2003
The synergy of ga and fuzzy systems for multidimensional problem: application to time series prediction	Lecture notes in computer science	Articulo	2003
Using the sony playstation2 to learn computer architecture	Advances in technology-based education: toward a knowledge-based society	Capítulo de libro	2003
A didactic environment for the study of microprogrammed processors	Information society and education: monitoring a revolution	Capítulo de libro	2002
A new clustering technique for function approximation	IEEE transactions on neural networks	Articulo	2002
A two-stage approach to self-learning direct fuzzy controllers	International journal of approximate reasoning	Articulo	2002
Evolutionary training of neuro-fuzzy patches for function approximation	Lecture notes in computer science	Articulo	2002
Evolutionary identification of fuzzy systems for time-series prediction	Lecture notes in computer science	Articulo	2002
Neural networks, clustering techniques, and function approximation problems	Lecture notes in computer science	Articulo	2002
New methodology for structure identification of fuzzy controllers in real time	Lecture notes in computer science	Articulo	2002
Resonanz-tunneldioden und heterobipolartransistoren in dynamischen digitalschaltungen hoher funktionsdichte	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2002
Ssa, svd, qr-cp, and rbf model reduction	Lecture notes in computer science	Articulo	2002
Statistical analysis of the main parameters involved in the design of a genetic algorithm	IEEE transactions on systems, man, and cybernetics. part c: applications and reviews	Articulo	2002
Statistical analysis of the parameters of a neuro-genetic algorithm	IEEE transactions on neural networks	Articulo	2002
Structure identification in complete rule-based fuzzy systems	IEEE transactions on fuzzy systems	Articulo	2002
Time series analysis using normalized pg-rbf network with regression weights	Neurocomputing	Articulo	2002
Web newspaper layout optimization using simulated annealing	IEEE transactions on systems, man, and cybernetics part b: cybernetics	Articulo	2002
A novel approach to self-adaptation of neuro-fuzzy controllers in real time	Lecture notes in computer science	Articulo	2001
Expert mutation operators for the evolution of radial basis function neural networks	Lecture notes in computer science	Articulo	2001
Identificación y optimización de redes de funciones base radiales para aproximación funcional	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	2001
Multidimensional and multideme genetic algorithms for the construction of fuzzy systems	International journal of approximate reasoning	Articulo	2001
Optimization of web newspaper layout in real time	Computer networks	Articulo	2001

Optimizing rbf networks with cooperative/ competitive evolution of units and fuzzy rules	Lecture notes in computer science	Articulo	2001
Rbf neural networks, multiobjective optimization and time series forecasting	Lecture notes in computer science	Articulo	2001
Separation of sources based on the partitioning of the space of observations	Lecture notes in computer science	Articulo	2001
A quantitative study of fault tolerance, noise immunity, and generalization ability of mlps	Neural computation	Articulo	2000
A systematic approach to a self-generating fuzzy rule-table for function approximation	IEEE transactions on systems, man, and cybernetics part b: cybernetics	Articulo	2000
Analysis of the functional block involved in the design of radial basis function networks	Neural processing letters	Articulo	2000
Competitive and temporal inhibition structures with spiking neurons	Neural processing letters	Articulo	2000
Contribuciones segmentarias en el lanzamiento en salto en baloncesto y sus implicaciones al entrenamiento.	Archivos de medicina del deporte	Articulo	2000
Improving the tolerance of multilayer perceptrons by minimizing the statistical sensitivity to weight deviations	Neurocomputing	Articulo	2000
Obtaining fault tolerant multilayer perceptrons using an explicit regularization	Neural processing letters	Articulo	2000
Self-organized fuzzy system generation from training examples	IEEE transactions on fuzzy systems	Articulo	2000
Short-term prediction of chaotic time series by using rbf network with regression weights.	International journal of neural systems	Articulo	2000
A new measurement of noise immunity and generalization ability for mlps.	International journal of neural systems	Articulo	1999
A vlsi approach for spike timing coding	Lecture notes in computer science	Articulo	1999
An accurate measure for multilayer perceptron tolerance to additive weight deviations	Lecture notes in computer science	Articulo	1999
An accurate measure for multilayer perceptron tolerance to weight deviations	Neural processing letters	Articulo	1999
Implementation of adaptable and hierarchical fuzzy t-norm	Electronics letters	Articulo	1999
New methodology for the development of adaptive and self-learning fuzzy controllers in real time	International journal of approximate reasoning	Articulo	1999
Nueva metodologia para el diseño automatico de sistemas difusos	Universidad de granada. arquitectura y tecnologia de computadores	Tesis doctoral	1999
Sequential learning algorithm for pg-rbf network using regression weights for time series prediction	Lecture notes in computer science	Articulo	1999
Statistical analysis of the main parameters in the fuzzy inference process	Fuzzy sets and systems	Articulo	1999
Stimulus correlation and adaptive local motion detection using spiking neurons	International journal of neural systems	Articulo	1999
Analysis of the operators involved in the definition of the implication functions and in the fuzzy inference process	International journal of approximate reasoning	Articulo	1998
Area efficient implementations of fixed-template cnn's	IEEE transactions on circuits and systems part i: fundamental theory and applications	Articulo	1998
Parallel coarse grain computing of boltzmann machines	Neural processing letters	Articulo	1998

Compact cmos fuzzy controllers using the normalized product of adaptive membership functions	Electronics letters	Articulo	1997
Statistical analysis of the main parameters in the definition of radial basis function networks	Lecture notes in computer science	Articulo	1997
Performing variable selection by multiobjective criterion: an application to mobile payment	.	Capítulo de libro	1967

	Título proyecto	Tipo	Inicio	Fin
1	Sistemas de cómputo avanzados en aplicaciones del ámbito de biotecnología y bioinformática	Proyecto	1/30/14	2/16/19
2	Avances en arquitecturas de computo para aprendizaje automatico utilizando fuentes heterogeneas: aplicaciones en salud y bienestar	Proyecto	1/1/16	12/31/18
3	Disipa-bio: desarrollo de sistemas inteligentes avanzados en plataformas de altas prestaciones. aplicación en problemas bioinformáticos y biomédicos (saf2010-20558).	Proyecto	1/1/11	12/31/13
4	Computación de altas prestaciones en bioinformática y biomedicina utilizando sistemas inteligentes	Proyecto	1/1/10	12/31/13
5	Computacion avanzada para el control dinámico, adaptativo y auto-organizativo en sistemas complejos. aplicación en problemas industriales y bio-médicos	Proyecto	2/1/08	1/31/12
6	Computacion de altas prestaciones para sistemas inteligentes adaptativos. aplicacion en problemas de aproximacion, clasificacion, optimizacion y prediccion	Proyecto	10/1/07	9/30/10
7	Sistemas inteligentes adaptativos para modelado, prediccion y optimizacion dinamica en clusters de computadores	Proyecto	12/13/04	12/13/07
8	Cooling area networks system. modulo fuzzy	Contrato	6/1/06	8/31/06
9	Sistemas de aprendizaje adaptativo para procesado de información y conocimiento	Proyecto	6/30/04	4/6/05
10	Diseño e implementación de nuevas metodologías híbridas neuro-difusas en sistemas de cómputo paralelos: aplicación al modelado y control de sistemas complejos en tiempo real	Proyecto	12/28/01	12/27/04
11	Structuring and coordinating the european and global research of soft-computing in image processing. tic2002-11350-e	Proyecto	9/12/03	9/11/04
12	Medical diagnosis advanced e-support. tic2002-11351-e	Proyecto	9/12/03	9/11/04

Actividades 0

Título actividad	Fuente	Tipo	Fecha
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- OLGA VALENZUELA CANSINO (48)
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- JULIO ORTEGA LOPERA (34)
- Jesús González (29)
- Miguel Damas (20)
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- FRANCISCO GÓMEZ MULA (2)
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- MARÍA JOSÉ ALEJANDRE PÉREZ (2)
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- PABLO ALVAREZ ARANEGA (2)
- ROGELIO JESÚS PALOMINO MORALES (2)
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- ALBERTO OLIVARES VICENTE (1)
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