

## Artículo en memorias de congreso ISI/JCR o SCOPUS

### 2020

- GUTIÉRREZ GARCÍA, JOSÉ O.; GÓMEZ DE SILVA GARZA, ANDRÉS; RAMÍREZ RAMÍREZ, LILIA LETICIA; PATIÑO, RODRIGO; CANDELA, EDUARDO. "A Decision-Tree Analysis of the Relationship Between Social Development and Homicide Rates". Xu, Jiuping; Ahmed, Syed Ejaz; Cooke, Fang Lee; Duca, Gheorghe (eds.).*Proceedings of the Thirteenth International Conference on Management Science and Engineering Management: ICMSEM2019*. Cham, Switzerland: Springer Nature Switzerland, c2020, p.665-677. ISBN 3030212475.
- CASTELLANOS, SERGIO; RODRÍGUEZ, LUIS FELIPE; GUTIÉRREZ GARCÍA, JOSÉ O. "Configurable Appraisal Dimensions for Computational Models of Emotions of Affective Agents". Samsonovich, Alexei V. (ed.).*Biologically Inspired Cognitive Architectures 2019: Proceedings of the Tenth Annual Meeting of the BICA society*. Cham, Switzerland: Springer Nature Switzerland, c2020, p.48-53. ISBN 9783030257194.

### 2019

- FRANZONI VELÁZQUEZ, ANA LIDIA; CÁRDENAS, CRISTINA; ALMAZÁN, ALEJANDRO. "Using Blockchain to Store Teacher's Certification in Basic Education in Mexico". *2019 IEEE 19th International Conference on Advanced Learning Technologies (ICALT)*: Maceió, Brazil: IEEE, 15-18 July 2019. IEEE, c2019, p.217-218. ISSN 2161-3761 (print).

### 2018

- GÓMEZ DE SILVA GARZA, ANDRÉS. "The Use of Computational Creativity Metrics to Evaluate Alternative Values for Clustering Algorithm Parameters". Arai, Kohei; Kapoor, Supriya; Bhatia, Rahul (eds.).*Intelligent Computing: Proceedings of the 2018 Computing Conference, Volume 1* Switzerland: Springer Nature Switzerland, c2019, p.415-426. ISBN 9783030011734.
- KURI-MORALES, ÁNGEL FERNANDO. "Transforming Mixed Data Bases for Machine Learning: a Case Study". Batyrshin, Ildar; Martínez-Villaseñor, María de Lourdes; Ponce Espinosa, Hiram Eredín (eds.).*Advances in Soft Computing: 17th Mexican International Conference on Artificial Intelligence, MICAI 2018: Guadalajara, Mexico, October 22-27, 2018, Proceedings, Part I*. Cham, Switzerland: Springer Nature, c2018, p.157-170. ISBN 9783030044916.
- SALIDO ORTEGA, MARTÍN G.; RODRIGUEZ, LUIS-FELIPE; GUTIÉRREZ GARCÍA, JOSÉ O. "Energy-Aware Data Collection from the Internet of Things for Building Emotional Profiles". *2018 Third International Conference on Fog and Mobile Edge Computing (FMEC): Barcelona, Spain: IEEE Spain Section, 23-26 April, 2018*. Institute for Electrical and Electronics Engineers, c2018, p.234-239. ISBN 9781538658963.

### 2017

- AGUILAR-REYES, FERNANDO; GUTIÉRREZ GARCÍA, JOSÉ O. "A Taxonomy of Workflow Scheduling Algorithms". Barrios Hernández, Carlos Jaime; Gitler, Isidoro; Klapp, Jaime (eds.).*High Performance Computing: Third Latin American Conference, CARLA 2016, Mexico City, Mexico, August 29-September 2, 2016: revised selected papers*. Cham, Switzerland: Springer International Publishing, c2017, p.104-115. ISBN 9783319579719.
- BONNIN, FERNANDA; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL. "TEA Band: an Interactive System to Aid Students with Autism Improve Their Social Interactions". Aaron Marcus; Wentao Wang (eds.).*Design, User Experience and Usability: Designing*

*Pleasurable Experiences: 6th International Conference on Design, User Experience and Usability: DUXU 2017: held as part of HCI International 2017: Vancouver, BC, Canada: July 9-14, 2017: Proceedings: Part II.* Cham, Switzerland: Springer International Publishing, c2017, p.621-635. ISBN 9783319586373.

- GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL; HUIPET, HÉCTOR HUGO; PRATT ROMERO, CASSANDRA; GARDUÑO, GUILLERMO. "A Case Study of Usability Evaluation of an InfoVis Tool for Analyzing Twitter". *Proceedings of the XVIII International Conference on Human Computer Interaction: Interacción 2017: Cancun, Mexico: 25-27 September , 2017.* Association for Computing Machinery, c2017, Art. 43 (Sept. 2017) p.1-7. ISBN 9781450352291.

## 2016

- GARCÍA, JESÚS; MARTÍNEZ, VÍCTOR R.; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL; FAJARDO, ÁNGEL F. "Social Influence and Emotional State While Shopping". Nah, Fiona Fui-Hoon; Tan, Chuan-Hoo (eds.).*HCI in Business, Government, and Organizations: eCommerce and Innovation: Third International Conference, HCIBGO 2016, Held as Part of HCI International 2016: Toronto, Canada, July 17-22, 2016: Proceedings: Part I.* Switzerland: Springer International Publishing, c2016, p.386-394. ISBN 9783319393957.
- GÓMEZ DE SILVA GARZA, ANDRÉS. "Comparing Different Implementations of the Same Fitness Criteria in an Evolutionary Algorithm for the Design of Shapes". Skulimowski, Andrzej M. J.; Kacprzyk, Janusz (eds.).*Knowledge, Information and Creativity Support Systems: Recent Trends, Advances and Solutions: Selected Papers from KICSS'2013: 8th International Conference on Knowledge, Information, and Creativity Support Systems, November 7-9, 2013, Kraków, Poland.* Switzerland: Springer International Publishing, c2016, p.259-267. ISBN 9783319190891.
- GÓMEZ DE SILVA GARZA, ANDRÉS. "Modifying the Fitness Function During the Use of an Evolutionary Algorithm for Design". *Proceedings of the 2016 IEEE Congress on Evolutionary Computation (CEC '16), Vancouver, Canada, 24-29 July 2016.* IEEE, p.4555-4561. ISBN 9781509006236.
- KURI-MORALES, ÁNGEL FERNANDO; LÓPEZ-PEÑA, IGNACIO. "Normality from Monte Carlo Simulation for Statistical Validation of Computer Intensive Algorithms". *15th Mexican International Conference on Artificial Intelligence, MICAI 2016: October 23-29, Cancún, Mexico.* Cham, Switzerland: Springer International Publishing, c2016, p.3-14.
- SARAVIA, DANILO; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL. "Bone Structure Monitoring Systems Applied to Physiotherapy of Children with Cerebral Palsy". Duffy, Vincent G. (ed.).*Digital Human Modeling: Applications in Health, Safety, Ergonomics and Risk Management: 7th International Conference, DHM 2016, Held as Part of HCI International 2016, Toronto, ON, Canada: July 17-22, 2016: Proceedings.* Switzerland: Springer International Publishing, c2016, p.110-119. ISBN 9783319402468.
- URTEAGA-REYESVERA, J. CARLOS; POSSANI ESPINOSA, ANDRE. "SCORPIONS: Classification of Poisonous Species Using Shape Features". *26th International Conference on Electronics, Communications and Computers (CONIELECOMP), 2016: Cholula Puebla, Mexico, February 24-26, 2016.* IEEE, 2016, p.125-129. ISBN 9781509000791.

## 2015

- FERRER, LEONARDO; GARCÍA, JESÚS; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL; BERMUDEZ, SANTIAGO; BLEIER, PEDRO; PRIETO, CARLOS. "Using Augmented Reality in Urban Context: Georeferenced System for Business Localization Using Google Glass". *2015 IEEE First International Smart Cities Conference: ISC2: Guadalajara, Mexico: IEEE Smart Cities Steering Committee, 25-28 Oct. 2015.* IEEE, 2015, p.1-6. ISBN 9781467365529.

- FRANZONI-VELÁZQUEZ, ANA LIDIA; ROCHA, SAMUEL. "Serious Mathematics Game Design to Engage Learners". Gómez Chova, Luis; López Martínez, Agustín; Candel Torres, Ignacio (eds.).*EDULEARN15: 7th International Conference on Education and New Learning Technologies: Barcelona, Spain, 6th-8th July, 2015: Conference Proceedings*. Valencia, Spain: IATED Academy, c2015, p.7071-7074. ISBN 9788460682431.
- FRANZONI-VELÁZQUEZ, ANA LIDIA; ROBLES VALDÉS, GLORIA. "Similarities and Differences in Learning Styles Among Students in University Programs: a Mexican Sample". Gómez Chova, Luis; López Martínez, Agustín; Candel Torres, Ignacio (eds.).*EDULEARN15: 7th International Conference on Education and New Learning Technologies: Barcelona, Spain, 6th-8th July, 2015: Conference Proceedings*. Valencia, Spain: IATED Academy, c2015, p.7064-7070. ISBN 9788460682431.
- GARCÍA, JESÚS; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL. "Stress Quantification Using a Wearable Device for Daily Feedback to Improve Stress Management". Zheng, Xiaolong; Zeng, Daniel Dajun; Chen, Hsinchun; Leischow, Scott J. (eds.).*Smart Health: International Conference, ICSH 2015: Phoenix, AZ, USA, November 17-18, 2015: Revised Selected Papers*. Switzerland: Springer International Publishing, c2016, p.204-209. ISBN 9783319291741.
- GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL; ROBBES, ROMAIN; GÓNGORA SVARTZMAN, GABRIELA N.; MEDINA, SALVADOR. "Measuring Concentration While Programming with Low-Cost BCI Devices: Differences Between Debugging and Creativity Tasks". Schmorow, Dylan D.; Fidopiastis, Cali M. (eds.).*Foundations of Augmented Cognition: 9th International Conference, AC 2015, Held as Part of HCI International 2015, Los Angeles, CA, USA, August 2-7, 2015*. Switzerland: Springer International Publishing, 2015, p.605-615. ISBN 9783319208152.
- GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL; GARCÍA, JESÚS; MURO, BÁRBARA. "Searching for Information: Comparing Text vs. Visual Search with Newspapers Websites". Yamamoto, Sakae (ed.).*Human Interface and the Management of Information: HIMI 2015: Information and Knowledge Design: 17th International Conference, HCI International 2015, Los Angeles, CA, USA, August 2-7, 2015: Proceedings*. Switzerland: Springer International Publishing, c2015, p.172-180. ISBN 9783319206110.
- GUTIÉRREZ GARCÍA, JOSÉ O.; LÓPEZ-NERI, EMMANUEL. "MODELING SOCIAL DEVIANCE IN ARTIFICIAL AGENT SOCIETIES". ROVATSOS, MICHAEL; VOUIROS, GEORGE; JULIAN, VICENTE (EDS.).*MULTI-AGENT SYSTEMS AND AGREEMENT TECHNOLOGIES: 13TH EUROPEAN CONFERENCE, EUMAS 2015 AND THIRD INTERNATIONAL CONFERENCE, AT 2015: Athens, Greece, December 17-18, 2015: Revised Selected Papers*. Switzerland: Springer International Publishing, c2016, p.287-302. ISBN 9783319335087.
- GUTIÉRREZ GARCÍA, JOSÉ O.; LÓPEZ-NERI, EMMANUEL. "Cognitive Computing: A Brief Survey and Open Research Challenges". Tsuchida, Kensei; Goto Takaaki; Ishii, Naohiro; Takahashi, Satoshi (eds.).*3rd International Conference on Applied Computing and Information Technology (ACIT 2015); 2nd International Conference on Computational Science and Intelligence (CSI 2015): proceedings: 12-16 July 2015, Okayama, Japan*. Los Alamitos, Calif.: IEEE Computer Society, c2015, p.328-333. ISBN 9781467396424.
- JUAREZ, M. A. RODRIGO; FAVELA, JESÚS; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL. "Do Technology-Related Stimuli Affect Age Estimation?". Cleland, Ian; Guerrero, Luis; Bravo, José (eds.).*Ambient Assisted Living: ICT-Based Solutions in Real Life Situations: 7th International Work-Conference, IWAAL 2015, Puerto Varas, Chile, December 1-4, 2015, Proceedings*. Switzerland: Springer International Publishing, c2015, p.259-264. ISBN 9783319264097.
- KURI-MORALES, ÁNGEL FERNANDO. "Mining Unstructured Data via Computational Intelligence". Sidorov, Grigori; Galicia-Haro, Sofia N. (eds.).*Advances in Artificial*

*Intelligence and Soft Computing: 14th Mexican International Conference on Artificial Intelligence, MICAI 2015: Cuernavaca, Morelos, Mexico, October 25-31, 2015: Proceedings, Part I.* Cham, Switzerland: Springer International Publishing, c2015, p.518-529. ISBN 9783319270593.

- LÓPEZ-NERI, EMMANUEL; GUTIÉRREZ GARCÍA, JOSÉ O. "Event-Oriented Framework for Smart Transportation". *2015 IEEE First International Smart Cities Conference (ISC2): 25-28 Oct. 2015, Guadalajara, Mexico.* New York, N. Y.: IEEE, 2015, p.1-6. ISBN 9781467365529.
- LÓPEZ-PEÑA, IGNACIO; KURI-MORALES, ÁNGEL FERNANDO. "Multivariate Approximation Methods Using Polynomial Models: a Comparative Study". Sidorov, Grigori; Galicia Haro, Sofia N.; Pichardo Lagunas, Obdulia; Herrera Alcántara, Oscar; Arroyo Figueroa, Gustavo (eds.).*Fourteenth Mexican International Conference on Artificial Intelligence: Special Session: Revised Papers: 25-31 October 2015, Cuernavaca, Morelos, Mexico: MICAI 2015.* Los Alamitos, Calif.: IEEE Computer Society, c2015, p.131-138. ISBN 9781509003235.
- MARTÍNEZ, VÍCTOR R.; PÉREZ, LUIS EDUARDO; IACOBELLI, FRANCISCO; SUÁREZ BOJORQUEZ, SALVADOR; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL. "Semi-Supervised Approach to Named Entity Recognition in Spanish Applied to a Real-World Conversational System". Carrasco-Ochoa, Jesús Ariel; Martínez-Trinidad, José Francisco; Sossa-Azuela, Juan Humberto; Olvera López, José Arturo; Famili, Fazel (eds.).*Pattern Recognition: 7th Mexican Conference, MCP R 2015: Mexico City, Mexico, June 24-27, 2015: Proceedings.* Switzerland: Springer International Publishing, c2015, p.224-235. ISBN 9783319192642.
- ROBLES VALDÉS, GLORIA; FRANZONI VELÁZQUEZ, ANA LIDIA. "Developing Successful Novice International Faculty Through a Mentoring Program". *2015 IEEE 15th International Conference on Advanced Learning Technologies (ICALT): 6-9 July 2015, Hualien, Taiwan.* Washington, D. C.: IEEE Computer Society, 2015, p.364-366. ISBN 9781467373340.
- SÁNCHEZ, HEIDER; ROBBES, ROMAIN; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL. "An Empirical Study of Work Fragmentation in Software Evolution Tasks". *Software Analysis, Evolution and Reengineering (SANER), 2015: IEEE 22nd International Conference, 2-6 March, 2015, Montréal, Canada.* New York, N. Y.: Institute of Electrical and Electronics Engineers, 2015, p.251-260. ISBN 9781479984695.

## 2014

- GUTIÉRREZ GARCÍA, JOSÉ O.; GÓMEZ DE SILVA GARZA, ANDRÉS. "Multi-Agent Simulation of Perception of Safety from Crime". *Proceedings of the 29th Symposium on Applied Computing, Gyeongju, Korea, March 24-28, 2014.* ACM, c2014, p.573-578. ISBN 9781450324694.
- KURI-MORALES, ÁNGEL FERNANDO. "Data Base Analysis Using a Compact Data Set". Chen, Peter P. S.; Jain, Hemant (eds.).*Proceedings: 2014 IEEE International Congress on Big Data: BigData Congress 2014, 27 June-2 July 2014, Anchorage, Alaska.* Los Alamitos, Calif.: IEEE Computer Society, Conference Publishing Services, c2014, p.227-233. ISBN 9781479950577.
- KURI-MORALES, ÁNGEL FERNANDO; CORTÉS-ARCE, IVÁN. "Improved Performance of Computer Networks by Embedded Pattern Detection". Martínez Trinidad, José Francisco; Carrasco Ochoa, Jesús Ariel; Olvera López, José Arturo; Salas-Rodríguez, Joaquín; Suen, Ching Y. (eds.).*Pattern Recognition: 6th Mexican Conference, MCP R 2014, Cancun, Mexico, June 25-28, 2014 Proceedings.* Switzerland: Springer International Publishing, c2014, p.21-30. ISBN 9783319074900.
- KURI-MORALES, ÁNGEL FERNANDO; CARTAS-AYALA, ALEJANDRO. "Polynomial Multivariate Approximation with Genetic Algorithms". Sokolova, Marina; Van Beek, Peter (eds.).*27th Canadian Conference on Artificial Intelligence, Canadian AI 2014, Montréal,*

QC, Canada, May 6-9, 2014: *Proceedings*. Switzerland: Springer International Publishing, c2014, p.307-312. ISBN 9783319064826.

- KURI-MORALES, ÁNGEL FERNANDO. "The Best Neural Network Architecture". Gelbukh, Alexander; Castro Espinoza, Félix; Galicia Haro, Sofia N. (eds.).*MICAI 2014: Nature-Inspired Computation and Machine Learning: 13th Mexican International Conference on Artificial Intelligence, Tuxtla Gutiérrez, Mexico, November 16-22, 2014: Proceedings, Part II*. Switzerland: Springer International Publishing, c2014, p.72-84. ISBN 9783319136493.
- MARTÍNEZ, VÍCTOR R.; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL. "Spatial-Temporal Characterization of an Urban Environment Using Twitter". Smari, Waleed W.; Fox, Geoffrey C.; Nygard, Mads (eds.).*Proceedings of the 2014 International Conference on Collaboration Technologies and Systems, May 19-23, 2014, The Commons Hotel, Minneapolis, Minnesota*. Piscataway, N. J.: IEEE, c2014, p.80-84. ISBN 9781479951574.

## 2013

- ALDANA BOBADILLA, EDWYN; KURI-MORALES, ÁNGEL FERNANDO. "Unsupervised Classifier Based on Heuristic Optimization and Maximum Entropy Principle". Emmerich, Michael; Deutz, André; Schütze, Oliver; Bäck, Thomas; Tantar, Emilia; Tantar, Alexandru-Adrian; Del Moral, Pierre; Legrand, Pierrick; Bouvry, Pascal; Coello Coello, Carlos A. (eds.).*EVOLVE- A Bridge Between Probability, Set Oriented Numerics, and Evolutionary Computation IV: International Conference Held at Leiden University, July 10-13, 2013*. Switzerland: Springer International Publishing, 2013, p.17-30. ISBN 9783319011271.
- CAIRÓ, OSVALDO; OJEDA GALICIA, OSCAR. "A Framework for Improving an Organizational Memory Information System's Deployment Architecture". Janiunaite, Brigita; Pundziene, Asta; Petraite, Monika (eds.).*Proceedings of the 14th European Conference on Knowledge Management ECKM 2013: Volume One: Kaunas University of Technology, Kaunas, Lithuania, 5-6 September 2013*. Academic Conferences and Publishing International, c2013, p.117-123. ISBN 9781909507388.
- CAIRÓ, OSVALDO; GUARDATI-BUEMO, SILVIA. "The KAMET II Methodology: A Real Process for Knowledge Generation". Janiunaite, Brigita; Pundziene, Asta; Petraite, Monika (eds.).*Proceedings of the 14th European Conference on Knowledge Management ECKM 2013: Volume One: Kaunas University of Technology, Kaunas, Lithuania, 5-6 September 2013*. Academic Conferences and Publishing International, c2013, p.124-130. ISBN 9781909507388.
- FRANZONI-VELÁZQUEZ, ANA LIDIA; CEBALLOS, CARLOS P.; RUBIO, ERNESTO. "Interactive Video Enhanced Learning-Teaching Process for Digital Native Students". *13th International Conference on Advanced Learning Technologies*. IEEE, 2013, p.270-271. ISBN 9780769550091.
- FRANZONI-VELÁZQUEZ, ANA LIDIA; CERVANTES PÉREZ, FRANCISCO; ROBLES VALDÉS, GLORIA. "TEACHERS GUIDE FOR SELECTING PROPER DIGITAL TECHNOLOGY TO SUPPORT DIDACTIC STRATEGIES COMPATIBLE WITH STUDENTS' LEARNING STYLES".*2013 IEEE 13TH INTERNATIONAL CONFERENCE ON ADVANCED LEARNING TECHNOLOGIES*. IEEE, c2013, p.366-368. ISBN 9780769550091.
- GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL; JUÁREZ, RODRIGO. "How Do You Understand Twitter?: Analyzing Mental Models, Understanding and Learning about Complex Interactive Systems". *Human Computer Interaction 6th Latin American Conference, CLIHC 2013, Carrillo, Costa Rica, December 2-6, 2013, Proceedings*. Switzerland: Springer International Publishing, c2013, p.103-110. ISBN 9783319030678.
- GUTIÉRREZ GARCÍA, JOSÉ O.; OROZCO-AGUIRRE, HÉCTOR; LANDASSURI-MORENO, VÍCTOR. "Agent-Based Simulation of Crime". *12th Mexican International Conference on Artificial Intelligence*. IEEE, c2013, p.24-29. ISBN 9781479926053.

- GUTIÉRREZ GARCÍA, JOSÉ O.; RAMÍREZ NAFARRATE, ADRIÁN. "Policy-Based Agents for Virtual Machine Migration in Cloud Data Centers". *2013 IEEE 10th International Conference on Services Computing*. IEEE, c2013, p.603-610. ISBN 9780769550268.
- ISLAS, LIZETH; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL; MEJÍA, MARCELO. "Developing a Mobile Application for Language Disabled Children with User Centered Design". Stephanidis, Constantine (ed.). *HCI 2013*. Berlin: Springer-Verlag, 2013, p.236-240.
- ISLAS, LIZETH; MEJÍA, MARCELO; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL. "Diseño e implementación de un tablero de comunicación ampliada". *Proceedings of the Nineteenth Americas Conference on Information Systems, Chicago, Illinois, August 15-17, 2013*. Association for Information Systems, 2013, p.1-10.
- JUÁREZ, RODRIGO; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL. "Mental Models, Performance and Usability of a Complex Interactive System: The Case of Twitter". *2013 Mexican International Conference on Computer Science*. IEEE, c2013, p.7-12. ISSN 1550-4069.
- KURI-MORALES, ÁNGEL FERNANDO. "An Automated Search Space Reduction Methodology for Large Databases". Perner, Petra (ed.). *13th Industrial Conference on Advances in Data Mining, ICDM 2013: New York, N. Y., U. S. A., July 16-21, 2013*. Berlin: Springer-Verlag, c2013, p.11-24.
- KURI-MORALES, ÁNGEL FERNANDO; ALDANA BOBADILLA, EDWYN. "The Best Genetic Algorithm I: A Comparative Study of Structurally Different Genetic Algorithms". Castro, Félix; Gelbukh, Alexander; González Mendoza, Miguel (eds.). *Advances in Soft Computing and Its Applications: Proceedings of the 21th Mexican International Conference on Artificial Intelligence Part II*. Berlin: Springer-Verlag, c2013, p.1-15. ISBN 9783642451102.
- KURI-MORALES, ÁNGEL FERNANDO; ALDANA BOBADILLA, EDWYN; LÓPEZ-PEÑA, IGNACIO. "The Best Genetic Algorithm II: A Comparative Study of Structurally Different Genetic Algorithms". Castro, Félix; Gelbukh, Alexander; González Mendoza, Miguel (eds.). *Advances in Soft Computing and Its Applications: Proceedings of the 21th Mexican International Conference on Artificial Intelligence Part II*. Berlin: Springer-Verlag, c2013, p.16-29. ISBN 9783642451102.
- MARTÍNEZ, VÍCTOR R.; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL. "Sentiment Characterization of an Urban Environment via Twitter". Urzaiz, Gabriel ... [et al.] (eds.). *Ubiquitous Computing and Ambient Intelligence: Context-Awareness and Context-Driven Interaction 7th International Conference, UCAmI 2013, Carrillo, Costa Rica, December 2-6, 2013, Proceedings*. Switzerland: Springer International Publishing, c2013, p.394-397.
- RAMÍREZ NAFARRATE, ADRIÁN; GUTIÉRREZ GARCÍA, JOSÉ O. "An Agent-Based Simulation Framework to Analyze the Prevalence of Child Obesity". Pasupathy, R.; Kim, S.-H.; Tolk, Andreas; Hill, R.; Kuhl, Michael E. (eds.). *Proceedings of the 2013 Winter Simulation Conference*. IEEE, c2013, p.2330-2339. ISBN 9781479920761.
- SENDRA SALCEDO, JOSÉ; CAIRÓ, OSVALDO. "Heuristic for Unscheduled Public Transport Navigation System". Janiunaite, Brigita; Pundziene, Asta; Petraite, Monika (eds.). *Proceedings of the 14th European Conference on Knowledge Management ECKM 2013: Volume Two: Kaunas University of Technology, Kaunas, Lithuania, 5-6 September 2013*. Academic Conferences and Publishing International, c2013, p.607-615. ISBN 9781909507388.
- TEJERA, GONZALO; BARRERA, ALEJANDRA; LLOFRIU, MARTIN; WEITZENFELD RIDEL, ALFREDO JOSÉ. "Solving Uncertainty During Robot Navigation by Integrating Grid Cell and Place Cell Firing Based on Rat Spatial Cognition Studies". *Proceedings of the 16th International Conference on Advanced Robotics (ICAR): Montevideo, Uruguay, November 25-29, 2013*. IEEE, c2013, p.1-6. ISBN 9781479927227.

- TEJERA, GONZALO; BARRERA, ALEJANDRA; FELLOUS, JEAN-MARC; LLOFRIU, MARTIN; WEITZENFELD RIDEL, ALFREDO JOSÉ. "Spatial Cognition: Robot Target Localization in Open Arenas Based on Rat Studies". *Multisensor, Multisource Information fusion: Architectures, Algorithms, and Applications 2013*. SPIE, c2013, p.1-7. ISBN 9780819495471.

## 2012

- CASTRO, LUIS A.; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL. "Afterlife Presence on Facebook: A Preliminary Examination of Wall Posts on the Deceased's Profiles". *Proceedings of the 22nd International Conference on Electrical Communications and Computers (CONIELECOMP): Cholula, Mexico, February 26-27, 2012*. IEEE, c2012, p.355-360. ISBN 9781457713262.
- GÓMEZ DE SILVA GARZA, ANDRÉS; HERRERA GONZÁLEZ, E. "Music Style Analysis Using the Random Forest Algorithm". Duffy, Alex H. B.; Nagai, Yukari; Taura, Toshiharu (eds.). *The 2nd International Conference on Design Creativity: 18th to 20th of September 2012 Glasgow, Scotland, UK: proceedings*. Glasgow: Design Society, c2012, p.343-350. ISBN 9781904670407.
- GONZÁLEZ, VÍCTOR M.; TORRES VÁZQUEZ, FRANCISCO. "TuTur: Immersive User Experience of Tourist Visits in Virtualized Worlds". *MexIHC'12, October 03-05 2012, Mexico City, Mexico*. New York, N. Y.: ACM Press, c2012, p.16-19. ISBN 9781450316590.
- GOULD, SANDY J. J.; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL; BRUMBY, DUNCAN P.; SALVUCCI, DARIO D.; COX, ANNA L.; TAATGEN, NIELS A. "Multitasking and Interruptions: A SIG on Bridging the Gap Between Research on the Micro and Macro Worlds". *CHI 2012, Conference on Human Factors in Computer Systems, May 5-10, 2012, Austin, TX*. ACM Press, 2012, p.1189-1192.
- KURI-MORALES, ÁNGEL FERNANDO. "Application of a Method Based on Computational Intelligence for the Optimization of Resources Determined from Multivariate Phenomena". Batyrshin, Ildar; González Mendoza, Miguel (eds.). *MICAI 2012: Advances in Computational Intelligence: 11th Mexican International Conference on Artificial Intelligence, San Luis Potosí, Mexico, October 27 - November 4, 2012, Revised Selected Papers, Part II*. Berlin: Springer-Verlag, 2013, p.292-303. ISBN 9783642377976.
- KURI-MORALES, ÁNGEL FERNANDO; LÓPEZ-PEÑA, IGNACIO. "Experimental Validation of an Evolutionary Method to Identify a Mobile Robot's Position". Carrasco Ochoa, Jesús Ariel; Martínez Trinidad, José Francisco; Olvera López, José Arturo; Boyer, Kim L. (eds.). *Pattern Recognition: 4th Mexican Conference, MCPR 2012: Huatulco, Mexico, June 27-30, 2012 Proceedings*. Berlin: Springer-Verlag, c2012, p.236-245. ISBN 9783642311482.
- MEJÍA, MARCELO; IRIBERRI AJURIA, ALICIA MIREYA. "Implementación de un proceso exitoso de acreditación ABET". *AMCIS 2012 Proceedings: Seattle, Washington, August 9-12, 2012*. Association for Information Systems, 2012, p.1-8.
- WEITZENFELD RIDEL, ALFREDO JOSÉ; FELLOUS, JEAN-MARC; BARRERA, ALEJANDRA; TEJERA, GONZALO. "Allothetic and Idiothetic Sensor Fusion in Rat-Inspired Robot Localization". *Multisensor, Multisource Information fusion: Architectures, Algorithms, and Applications 2012*. SPIE, c2012, p.1-8. ISSN 0277-786X.

## 2011

- CAIRÓ, OSVALDO; GUARDATI-BUEMO, SILVIA. "KAMET II: KAMET Plus Knowledge Generation". König, Andreas ... [et al.]. *Knowledge-Based and Intelligent Information and Engineering Systems: 15th International Conference, KES 2011: Kaiserslautern, Germany, September 2011, Proceedings, Part I*. Berlin: Springer-Verlag, c2011, p.316-325. ISSN 0302-9743.

- CAIRÓ, OSVALDO; OLARTE GARCÍA, JUAN GABRIEL; RIVERA ILLINGWORTH, FERNANDO EDUARDO. "Negotiation in Electronic Commerce: A Study in the Latin-American Market". König, Andreas ... [et al.]. *Knowledge-Based and Intelligent Information and Engineering Systems: 15th International Conference, KES 2011: Kaiserslautern, Germany, September 2011, Proceedings, Part II*. Berlin: Springer-Verlag, c2011, p.306-314. ISSN 0302-9743.
- CASTRO, LUIS A.; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL. "Reconfiguration of Migrants' Social Networks Through Ethnic Websites". *CHI 2011, Conference on Human Factors in Computer Systems, May 7-12, 2011, Vancouver, BC*. ACM Press, 2011, p.1-4.
- DABBISH, LAURA; MARK, GLORIA; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL. "Why Do I Keep Interrupting Myself?: Environment, Habit and Self-Interruption". *CHI 2011, Conference on Human Factors in Computer Systems, May 7-12, 2011, Vancouver, BC*. ACM Press, 2011, p.3127-3130.
- GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL; LAPUENTE ROMO, ROBERTO; PÉREZ, LUIS EDUARDO. "SAMM: Sistema de Asistencia al Manejo para Mayores = (Driving Assistance System for the Senior Citizen)". *CHI 2011, Conference on Human Factors in Computer Systems, May 7-12, 2011, Vancouver, BC*. ACM Press, 2011, (2 min.).
- KURI-MORALES, ÁNGEL FERNANDO; LÓPEZ, J. IGNACIO. "A Novel Method to Determine a Robot's Position Based on Machine Learning Strategies". Batyrshin, Ildar; Sidorov, Grigori (eds.). *Advances in Artificial Intelligence and Applications: Proceedings of Special Session: Proceedings 2011 10th Mexican International Conference on Artificial Intelligence, MICAI 2011: 26 November - 4 December 2011, Puebla, Mexico*. Los Alamitos, Calif.: Conference Publishing Services: IEEE Computer Society, c2011, p.97-101. ISBN 9780769546056.
- KURI-MORALES, ÁNGEL FERNANDO; CORTÉS-BERRUECO, LUIS ENRIQUE; TREJO-BAÑOS, DANIEL. "Clustering of Heterogeneously Typed Data with Soft Computing". Felipe, Joaquim; Fred, Ana (eds.). *International Conference on Knowledge Discovery and Information Retrieval: Proceedings, Paris, France, 26-29 October, 2011*. Portugal: SciTePress - Science and Technology Publications, c2011, p.499-502. ISBN 9789898425799.
- KURI-MORALES, ÁNGEL FERNANDO; TREJO-BAÑOS, DANIEL; CORTÉS-BERRUECO, LUIS ENRIQUE. "Clustering of Heterogeneously Typed Data with Soft Computing: A Case Study". Batyrshin, Ildar; Sidorov, Grigori (eds.). *Advances in Soft Computing: 10th Mexican International Conference on Artificial Intelligence, MICAI 2011: Puebla, Mexico, November-December 2011, Proceedings, Part II*. Berlin: Springer-Verlag, c2011, p.235-248. ISBN 9783642253294.
- MACDONALD, ALTON; CARTAS AYALA, RODOLFO; INCERA-DIÉGUEZ, JOSÉ A. "Custom Tailored Location Based Services: an IMS Implementation". *2011 18th International Conference on Telecommunications (ICT): Ayia Napa, Cyprus: 8-11 May 2011*. Los Alamitos, Calif.: IEEE, c2011, p.118-123. ISBN 9781457700248.
- MORLEY, CHANTAL; JÁCOME MADARIAGA, LAURA. "Different Configurations of Flexibility for I/S Strategic Alignment". *AMCIS 2011 Proceedings: Proceedings of the Seventeenth Americas Conference on Information Systems: Detroit, Michigan August 4th-7th 2011*. Association for Information Systems, 2011, p.1-12.
- PALACIO, RAMÓN R.; MORÁN, ALBERTO L.; VIZCAÍNO, AURORA; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL. "Knowledge Flow as Facilitator for Getting into Collaboration in Distributed Software Development". *Proceedings of the 44th Hawaii International Conference on System Sciences: Kauai, Hawaii: IEEE, January 4-7, 2011*. IEEE Computer Society, c2011, p.1-10. ISBN 9780769542829.



- BARRERA, ALEJANDRA; LASCHI, CECILIA. "Anticipatory Visual Perception as a Bio-Inspired Mechanism Underlying Robot Locomotion". *Proceedings of the 32nd Annual International Conference of the IEEE Engineering in Medicine and Biology Society: Buenos Aires, Argentina, August 31-September 4, 2010*. IEEE, c2010, p.3206-3209. ISBN 9781424441242.
- BARRERA, ALEJANDRA; WEITZENFELD RIDEL, ALFREDO JOSÉ; CÁCERES, ALEJANDRA; RAMÍREZ-AMAYA, VÍCTOR. "Spatial Memory and Learning: Towards a Set of Metrics to Evaluate Task Performance in Rats and Robots". *Proceedings of the IEEE International Conference on Robotics and Automation - ICRA: Anchorage, Alaska, May 3-8, 2010*. IEEE, c2010, p.1215-1220. ISBN 9781424420404.
- BYRD, TERRY ANTHONY; JÁCOME MADARIAGA, LAURA; BYRD, LINDA W.; MBARIKA, VICTOR W. A. "An Examination of an Information Systems Flexibility Framework". *Proceedings of the 43rd Hawaii International Conference on System Sciences: Honolulu, Hawaii, January 5-8, 2010*. Los Alamitos, Calif.: IEEE Computer Society, 2010, p.1-10. ISBN 9780769538693.
- CAIRÓ, OSVALDO; TEJEDA-HERNÁNDEZ, NORA. "Application of IT Tools in KMS within a Social Ecology". Tsui, Eric (ed.). *Proceedings of the 7th International Conference on Intellectual Capital, Knowledge Management & Organisational Learning: The Hong Kong Polytechnic University, Hong Kong, China, 11-12 November 2010*. England: Academic Publishing, c2010, p.87-94. ISBN 9781906638849.
- CAIRÓ, OSVALDO; BOTTINELLI, JUAN. "Knowledge Management in Professional Soccer". Tsui, Eric (ed.). *Proceedings of the 7th International Conference on Intellectual Capital, Knowledge Management & Organisational Learning: The Hong Kong Polytechnic University, Hong Kong, China, 11-12 November 2010*. England: Academic Publishing, c2010, p.79-86. ISBN 9781906638849.
- GÓMEZ DE SILVA GARZA, ANDRÉS; GERO, JOHN S. "Elementary Social Interactions and Their Effects on Creativity: A Computational Simulation". *Proceedings of the International Conference on Computational Creativity: Lisbon, January 2010*. Lisbon, Portugal, 2010, p.110-119. ISBN 9789899600126.
- IRIBERRI AJURIA, ALICIA MIREYA; NAVARRETE, CARLOS J. "Internet Crime Reporting: Evaluation of a Crime Reporting and Investigative Interview System by Comparison with a Non-interactive Reporting Alternative". *Proceedings of the 43rd Hawaii International Conference on System Sciences: Honolulu, Hawaii, January 2010*. IEEE Computer Society, 2010, p.1-9. ISBN 9780769538693.
- JOMHARI, N.; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL; YUSOF, RAJA JAMILAH RAJA. "Narrative in Text, Photo and Video in Social Space". *2010 International Conference on User Science and Engineering (i-USER): Shah Alam, Malaysia: 13-15 Dec. 2010*. Los Alamitos, Calif.: IEEE, c2010, p.250-255. ISBN 9781424490493.
- KURI-MORALES, ÁNGEL FERNANDO; ALDANA BOBADILLA, EDWYN. "Finding Irregularly Shaped Clusters Based on Entropy". Perner, Petra (ed.). *Advances in Data Mining: Applications and Theoretical Aspects: 10th Industrial Conference, ICDM 2010, Berlin, Germany, July 2010: Proceedings*. Berlin: Springer-Verlag, c2010, p.57-70.
- KURI-MORALES, ÁNGEL FERNANDO; LOZANO, ALEXIS. "Sampling for Information and Structure Preservation When Mining Large Data Bases". Kuri-Morales, Ángel Fernando; Simari, Guillermo R. (eds.). *Advances in Artificial Intelligence - IBERAMIA 2010: 12th Ibero-American Conference on AI, Bahía Blanca, Argentina, November 1-5, 2010: Proceedings*. Berlin: Springer-Verlag, c2010, p.174-183. ISBN 3642169511.
- MACDONALD, ALTON; CARTAS AYALA, RODOLFO; INCERA-DIÉGUEZ, JOSÉ A. "Asterisk as a Public Switched Telephone Network Gateway for an IMS Test Bed". *2010 IEEE 17th*

*International Conference on Telecommunications (ICT): Doha, Qatar: 4-7 April, 2010*. Los Alamitos, Calif.: IEEE, c2009, p.594-599. ISBN 9781424452477.

- MEJÍA, MARCELO; CADENA, FRANCISCO; CARRERA, ERNESTO. "Desarrollo y evaluación de modelos de calificación crediticia". *Proceedings of the Sixteenth Americas Conference on Information Systems Lima, Peru, August 12-15, 2010*. Association for Information Systems, 2010, p.1-9.
- MORLEY, CHANTAL; JÁCOME MADARIAGA, LAURA. "Les formes de flexibilité d'un S. I.: étude de trois cas". *AIM 2010: 15ème Colloque de l'AIM: La Rochelle, France, 19, 20 et 21 Mai 2010*. Association Information et Management, 2010, p.1-12.

## 2009

- BARRERA, ALEJANDRA; WEITZENFELD RIDEL, ALFREDO JOSÉ. "Behavioral Match Evaluation of Spatial Cognition in Rats and Robots". *Proceedings of the 31st Annual International Conference of the IEEE Engineering in Medicine and Biology Society: Minneapolis, Minnesota, September 2-6, 2009*. IEEE, c2009, p.7188-7191. ISBN 9781424432967.
- CAIRÓ, OSVALDO; ALONSO, DIEGO; HERNÁNDEZ POBLETE, ALFREDO. "Knowledge Leaders: Key Players in the Knowledge Creating Organization". Bolisani, Ettore; Scarso, Enrico (eds.). *Proceedings of the 10th European Conference on Knowledge Management: volume one: Vicenza, Italy: Università Degli Studi Di Padova, 3-4 September 2009*. Reading, UK: Academic Publishing, c2009, p.144-149. ISBN 9781906638399.
- CAIRÓ, OSVALDO; LOZADA, ADOLFO; ESCOBEDO PEREGRINA, JOSÉ EDUARDO. "Knowledge Management vs. IT: What is the Only Sustainable Source of Competitive Advantage Nowadays?". Bolisani, Ettore; Scarso, Enrico (eds.). *Proceedings of the 10th European Conference on Knowledge Management: volume one: Vicenza, Italy: Università Degli Studi Di Padova, 3-4 September 2009*. Reading, UK: Academic Publishing, c2009, p.150-156. ISBN 9781906638399.
- CAIRÓ, OSVALDO; SURO, ALINA; BASURTO, ILEANA; AQUINO, JOSÉ; AYALA, JORGE; RAMÍREZ, EFRÉN. "Monterrey: International Knowledge City?". Bolisani, Ettore; Scarso, Enrico (eds.). *Proceedings of the 10th European Conference on Knowledge Management: volume one: Vicenza, Italy: Università Degli Studi Di Padova, 3-4 September 2009*. Reading, UK: Academic Publishing, c2009, p.157-168. ISBN 9781906638399.
- GÓMEZ DE SILVA GARZA, ANDRÉS; GERO, JOHN S. "Exploring Knowledge Transfer in a Society of Designers". eds. Norell Bergendahl, M... [et al.]. *ICED09: 17th International Conference on Engineering Design: 24-27 Aug., 2009, Stanford University, Stanford, CA, USA*. Glasgow, England: The Design Society, 2009, p.99-110. ISBN 9781904670124.
- JOMHARI, N.; GONZÁLEZ, VÍCTOR M.; KURNIAWAN, S. H. "See the Apple of my Eye: Baby Storytelling in Social Space". Blackwell, Alan F. (ed.). *People and Computers XXIII Celebrating People and Technology: HCI 2009: 1-5 September 2009*. British Computer Society, c2009, p.238-243. ISBN 9781906124878.
- MEJÍA, MARCELO; BARRERA, ALEJANDRA; GUARDATI-BUEMO, SILVIA. "Primer curso de computación para ingeniería-descripción y enseñanzas de una experiencia práctica". *Proceedings of the Fifteenth Americas Conference on Information Systems, San Francisco, California, August 6th-9th 2009*. Association for Information Systems, 2009, p.1-8.
- SAVAGE CARMONA, JESÚS; WEITZENFELD RIDEL, ALFREDO JOSÉ; AYALA, FRANCISCO; CUELLAR, SERGIO. "The Use of Scripts Based on Conceptual Dependency Primitives for the Operation of Service Mobile Robots". *RoboCup 2008: Robot Soccer World Cup XII*. Berlin: Springer, 2009, p.284-295. ISBN 9783642029202.
- WEITZENFELD RIDEL, ALFREDO JOSÉ; BARRERA, ALEJANDRA. "A Multi-Level Robotic Architecture for Biologically-inspired Modeling". *Proceedings of the 31st Annual*

*International Conference of the IEEE Engineering in Medicine and Biology Society: Minneapolis, Minnesota, September 2-6, 2009.* IEEE, c2009, p.7200-7203. ISBN 9781424432967.

- WEITZENFELD RIDEL, ALFREDO JOSÉ; RAMOS, CARLOS; FORD DOMINEY, PETER. "Coaching Robots to Play Soccer Via Spoken-Language". *RoboCup 2008: Robot Soccer World Cup XII*. Berlin: Springer, 2009, p.379-390. ISBN 9783642029202.

## 2008

- BARRERA, ALEJANDRA; WEITZENFELD RIDEL, ALFREDO JOSÉ. "Computational Modeling of Spatial Cognition in Rats and Robotic Experimentation: Goal-Oriented Navigation and Place Recognition in Multiple Directions". *Proceedings of the 2nd IEEE/RAS-EMBS International Conference on Biomedical Robotics and Biomechatronics: Scottsdale, AZ., October 19-22, 2008.* IEEE, c2008, p.789-794. ISBN 9781424428830.
- CAIRÓ, OSVALDO; GUARDATI-BUEMO, SILVIA. "Automatic Translation in Two Phases: Recognition and Interpretation". Lovrek, Ignac; Howlett, Robert J.; Jain, Lakhmi C. (eds.). *Knowledge-Based Intelligent Information and Engineering Systems: 12th International Conference, KES 2008, Zagreb, Croatia, September 3-5, 2008, Proceedings, Part II*. Berlin: Springer-Verlag, c2008, p.81-88. ISBN 9783540855644.
- CAIRÓ, OSVALDO; GUARDATI-BUEMO, SILVIA. "Automatic Translation of Texts Using Volatile Grammars". *2008 Conference on Human System Interactions, HSI 2008: Krakow, Poland: IEE, May 25-27 2008*. New York, N. Y.: IEEE, 2008, p.474-478. ISBN 1424415438.
- ESPONDA, FERNANDO. "Hiding a Needle in a Haystack Using Negative Databases". Solanki, Kaushal; Sullivan, K.; Madhow, Upamanyu (eds.). *Information Hiding 10th International Workshop, IH 2008, Santa Barbara, CA, USA, May 19-21, 2008*. Berlin: Springer-Verlag, c2008, p.15-29. ISSN 0302-9743.
- FOTH, MARCUS; GONZÁLEZ, VÍCTOR M.; KRAEMER, KENNETH L. "Design Considerations for Community Portals in Master-Planned Developments in Australia and Mexico". *Proceedings OZCHI 2008, December 8-12, 2008, Cairns, Australia*. Computer-Human Interaction Special Interest Group, c2008, p.1-8. ISBN 0980306345.
- FRANZONI-VELÁZQUEZ, ANA LIDIA; GÓMEZ DE SILVA GARZA, ANDRÉS; CERVANTES PÉREZ, FRANCISCO. "An Information System Design for Coaching Students by Using Case-Based Reasoning (CBR)". Díaz, Paloma; Kinshuk; Aedo, Ignacio; Mora, Eduardo (eds.). *The 8th IEEE International Conference on Advanced Learning Technologies: Proceedings: Santander, Spain, 1-5 July, 2008*. Los Alamitos, Calif.: IEEE Computer Society, c2008, p.204-206. ISBN 9780769531670.
- FRANZONI-VELÁZQUEZ, ANA LIDIA; ASSAR, SAÏD; DEFUDE, BRUNO; ROJAS, JAVIER. "Student Learning Styles Adaptation Method Based on Teaching Strategies and Electronic Media". Díaz, Paloma; Kinshuk; Aedo, Ignacio; Mora, Eduardo (eds.). *The 8th IEEE International Conference on Advanced Learning Technologies: Proceedings: Santander, Spain, 1-5 July, 2008*. Los Alamitos, Calif.: IEEE Computer Society, c2008, p.778-782. ISBN 9780769531670.
- GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL; GALICIA, LEONARDO; FAVELA, JESÚS. "Understanding and Supporting Personal Activity Management by IT Service Workers". *Proceedings of the 2nd ACM Symposium on Computer Human Interaction for Management of Information Technology, CHIMIT 2008, San Diego, California, USA November 14-15, 2008*. ACM, 2008, p.1-10. ISBN 9781605583556.
- HILBERT, MARTIN R.; CAIRÓ, OSVALDO. "From the Binary Digit to Technological Convergence". Mastorakis, Nikos E. (ed.). *New Aspects of Systems: Proceedings of the 12th*

*WSEAS International Conference on SYSTEMS: Heraklion, Greece, July 22-24, 2008.* WSEAS Press, c2008, p.470-475. ISBN 9789606766831.

- KURI-MORALES, ÁNGEL FERNANDO; ALDANA BOBADILLA, EDWYN. "Clustering with an N-Dimensional Extension of Gielis Superformula". Kazovsky, Leonid G.; Borne, P.; Mastorakis, Nikos E.; Kuri-Morales, Ángel Fernando; Sakellaris, I. (eds.).*Proceedings of the 7th WSEAS International Conference on Artificial Intelligence, Knowledge Engineering and Data Bases (AIKED'08): University of Cambridge, UK, February 20-22, 2008.* WSEAS Press, 2008, p.343-350. ISBN 9789606766411.
- MEJÍA, MARCELO; INCERA-DIÉGUEZ, JOSÉ A.; CONWAY, MARK. "Una experiencia de vinculación entre un programa académico, las necesidades de la industria y las tendencias de la disciplina". *Proceedings of the Fourteenth Americas Conference on Information Systems, ON, Canada August 14th-17th 2008.* Association for Information Systems, 2008, p.1-7.

## 2007

- BARRERA, ALEJANDRA; WEITZENFELD RIDEL, ALFREDO JOSÉ. "Bio-inspired Model of Robot Spatial Cognition: Topological Place Recognition and Target Learning". *Proceedings of the 7th IEEE International Symposium on Computational Intelligence in Robotics and Automation CIRA 2007: Jacksonville, FL., June 20-23, 2007.* IEEE, c2007, p.61-66. ISBN 1424407907.
- BARRERA, ALEJANDRA; WEITZENFELD RIDEL, ALFREDO JOSÉ. "Rat-Inspired Model of Robot Target Learning and Place Recognition". *Proceedings of the 15th Mediterranean Conference on Control and Automation-MED 2007: Athens, Greece, July 27-29, 2007.* IEEE, 2007, p.1-8. ISBN 9789602546642.
- CÁRDENAS VARGAS, ELENA; OKTABA, HANNA; GUARDATI-BUEMO, SILVIA; LAUREANO, ANA LILIA. "Agents, Case-Based Reasoning and Their Relation to the Mexican Software Process Model (MoProSoft)". *The Thirty-first Annual International Computer Software & Applications Conference, COMPSAC07: Beijing, China, 23-27 July, 2007: volume 2.* Danvers, Mass.: IEEE Computer Society, c2007, p.326-331. ISBN 0769528708.
- FRANZONI-VELÁZQUEZ, ANA LIDIA; ASSAR, SAÏD. "USING LEARNING STYLES TO ENHANCE AN E-LEARNING SYSTEM". REMENYI, D. (ED.).*ECCEL 2007 6TH EUROPEAN CONFERENCE ON E-LEARNING: COPENHAGEN BUSINESS SCHOOL DENMARK: 4-5 OCTOBER 2007.* England: Academic Conferences, c2007, p.235-244. ISBN 9781905305568.
- GÓMEZ DE SILVA GARZA, ANDRÉS; GALINDO FLORES, CARLOS EMILIO. "Inferring the Past: A Computational Exploration of the Strategies that May Have Been Used in the Aztec Board Game of Patolli". *Proceedings of the 2007 IEEE Symposium on Computational Intelligence and Games: CIG 2007: Honolulu, Hawaii: April 1-5 2007.* New York, New York: IEEE, c2007, p.296-303. ISBN 1424407095.
- KURI-MORALES, ÁNGEL FERNANDO; ANIA BRISEÑO, IGNACIO DE JESÚS. "Agrupamiento en grandes bases de datos vía la reducción estadística del espacio de búsqueda". *Reaching New Heights: Americas Conference on Information Systems: August 09-12, Keystone, Colorado, USA.* Keystone, Colo.: Colorado State University, 2007, p.3-14.

## 2006

- BARRERA, ALEJANDRA; WEITZENFELD RIDEL, ALFREDO JOSÉ. "Bio-Inspired Model of Robot Adaptive Learning and Mapping". *Proceedings of the 2006 IEEE/RSJ International Conference on Intelligent Robots and Systems: October 9-15, 2006, Beijing, China.* United States: IEEE, c2006, p.4750-4755. ISSN 1424402581 (print).
- BARRERA, ALEJANDRA; WEITZENFELD RIDEL, ALFREDO JOSÉ. "Biologically Inspired Neural Controller for Robot Learning and Mapping". *International Joint Conference on Neural*

*Networks: Vancouver, Canada, July 16-21, 2006.* IEEE, c2006, p.7055-7062. ISBN 0780394909.

- BARRERA, ALEJANDRA; WEITZENFELD RIDEL, ALFREDO JOSÉ. "Return of the Rat: Biologically-Inspired Robotic Exploration and Navigation". *Proceedings of the 1st IEEE/RAS EMBS International Conference on Biomedical Robotics and Biomechanics: Pisa, Italy, February 20-22, 2006.* IEEE, 2006, p.1-6. ISBN 1424400406.
- FLORES, NORBERTO; KURI-MORALES, ÁNGEL FERNANDO; GAMIO, CARLOS. "An Application of Neural Networks for Image Reconstruction in Electrical Capacitance Tomography Applied to Oil Industry". Martínez Trinidad, José Francisco; Carrasco Ochoa, Jesús Ariel; Kittler, Josef (eds.).*Progress in Pattern Recognition, Image Analysis and Applications: 11th Iberoamerican Congress on Pattern Recognition, CIARP 2006, Cancun, Mexico, November 14-17, 2006, Proceedings.* Berlin: Springer-Verlag, c2006, p.371-380. ISBN 3540465561.
- GÓMEZ DE SILVA GARZA, ANDRÉS; CRUZ, VÍCTOR; FRANZONI-VELÁZQUEZ, ANA LIDIA. "Un sistema de información para la administración y consulta de bases de conocimiento en la industria automotora= An Information System for Managing and Querying Knowledge Bases in the Automotive Industry". *AMCIS 2006 Proceedings: Proceedings of the Twelfth Americas Conference on Information Systems: Acapulco, Mexico August 04th-06th 2006.* Association for Information Systems, 2006, p.4272-4280.
- HERRERA-ALCÁNTARA, OSCAR; KURI-MORALES, ÁNGEL FERNANDO. "An Approach to Support Vector Regression with Genetic Algorithms". Gelbukh, Alexander; Reyes-García, Carlos Alberto (eds.).*Fifth Mexican International Conference on Artificial Intelligence: MICAI 2006: 13-17 November 2006 Apizaco, Mexico: Proceedings.* Los Alamitos, Calif.: IEEE Computer Society, c2006, p.178-186. ISBN 0769527221.
- KURI-MORALES, ÁNGEL FERNANDO; MEJÍA-GUEVARA, IVÁN. "Analysis of Algebraic Expressions Derived from Genetic Multivariate Polynomials and Support Vector Machines: A Case Study". Martínez Trinidad, José Francisco; Carrasco Ochoa, Jesús Ariel; Kittler, Josef (eds.).*Progress in Pattern Recognition, Image Analysis and Applications: 11th Iberoamerican Congress on Pattern Recognition, CIARP 2006, Cancun, Mexico, November 14-17, 2006, Proceedings.* Berlin: Springer-Verlag, c2006, p.974-984. ISBN 3540465561.
- KURI-MORALES, ÁNGEL FERNANDO; MEJÍA-GUEVARA, IVÁN. "Evolutionary Training of SVM for Multiple Category Classification Problems with Self-Adaptive Parameters". Sichman, Jaime S.; Coelho, Helder; Rezende, Solange Oliveira (eds.).*Advances in Artificial Intelligence - IBERAMIA-SBIA 2006: 2nd International Joint Conference: 10th Ibero-American Conference on AI, 18th Brazilian AI Symposium, Ribeirão Preto, Brazil, October 23-27, 2006, Proceedings.* Berlin: Springer-Verlag, c2006, p.329-338. ISBN 3540454624.
- KURI-MORALES, ÁNGEL FERNANDO; VÁZQUEZ SEISDEDOS, LUIS. "MGP: A Tool for Wide Range Temperature Modeling". *Proceedings of the 2006 IFAC Symposium on Powers Plants and Power Systems Control: June 25-28, Kananaskis, Alberta.* Elsevier: International Federation of Automatic Control, 2006, p.1-8.
- MEJÍA, MARCELO; ANIA BRISEÑO, IGNACIO DE JESÚS; GAMBOA-HIRALES, RAFAEL G. "Diagnóstico de la industria de servicios de Software en México". *Proceedings of the Twelfth Americas Conference on Information Systems, Acapulco, Mexico, August 4-6, 2006.* Association for Information Systems, 2006, p.1-10.
- MORÁN-SOLARES, ELISA B.; MARTÍNEZ-GARCÍA, ANA I.; GONZÁLEZ, VÍCTOR M.; FAVELA, JESÚS; MORA-ALTAMIRANO, JULIA. "Personal Digital Assistants Adoption in Healthcare: A Nurses' Case Study". *AMCIS 2006 Proceedings: Proceedings of the Twelfth Americas Conference on Information Systems: Acapulco, Mexico August 04th-06th 2006.* Association for Information Systems, 2006, p.1115-1122.

- RAMAKRISHNA, HINDUPUR; MEJÍA, MARCELO; PICK, JAMES B.; INCERA-DIÉGUEZ, JOSÉ A.; THEN, KERI. "Estudio exploratorio de los factores relacionados con el éxito en una colaboración internacional apoyada por medios electrónicos= An Exploratory Study of Factors Related to Success of Electronic-Mediated International Collaboration". *Proceedings of the Twelfth Americas Conference on Information Systems, Acapulco, Mexico, August 4-6, 2006*. Association for Information Systems, 2006, p.4254-4271. ISBN 9703107400.
- SILVA, JUAN M.; ZAMARRIPA, SELENE; STRAYER, PAUL; FAVELA, JESÚS; GONZÁLEZ Y GONZÁLEZ, VÍCTOR MANUEL. "Empirical Evaluation of a Mobile Application for Assisting Physicians in Creating Medical Notes". *AMCIS 2006 Proceedings: Proceedings of the Twelfth Americas Conference on Information Systems: Acapulco, Mexico August 04th-06th 2006*. Association for Information Systems, 2006, p.2673-2681.
- WEITZENFELD RIDEL, ALFREDO JOSÉ; FORD DOMINEY, PETER. "Cognitive Robotics: Command, Interrogation and Teaching in Robot Coaching". Sklar, Elizabeth; Lakemeyer, Gerhard; Sorrenti, Domenico G. (eds.). *RoboCup 2006: Robot Soccer World Cup X*. Berlin: Springer, 2007, p.379-386. ISBN 9783540740230.

## 2005

- FORD DOMINEY, PETER; WEITZENFELD RIDEL, ALFREDO JOSÉ. "Levels of Interaction Allowing Humans to Command, Interrogate and Teach a Communicating Object: Lessons Learned from Two Robotic Platform". *sOc-EUSAI '05: Proceedings of the 2005 joint conference on Smart Objects and Ambient Intelligence: Innovative Context-Aware Services: Usages and Technologies: Grenoble, France: October 12-14, 2005*. New York, N. Y.: Association for Computing Machinery, 2005, p.135-140. ISBN 9781595933041.
- GÓMEZ DE SILVA GARZA, ANDRÉS; ZAMORA LORES, ARÁM. "Case-Based Art". Muñoz-Avila, Héctor; Ricci, Francesco (eds.). *Case-Based Reasoning Research and Development: 6th International Conference on Case-Based Reasoning: ICCBR 2005: Chicago, IL, United States: August 23-26, 2005: Proceedings*. Berlin: Springer-Verlag, c2005, p.237-251. ISBN 3540281746.
- KURI-MORALES, ÁNGEL FERNANDO; ORTIZ-POSADAS, MARTHA. "A New Approach to Sequence Representation of Proteins in Bioinformatics". Gelbukh, Alexander; Albornoz, Álvaro de; Terashima-Marín, Hugo (eds.). *MICAI 2005: Advances in Artificial Intelligence: 4th Mexican International Conference on Artificial Intelligence, Monterrey, Mexico, November 14-18, 2005 Proceedings*. Berlin: Springer-Verlag, c2005, p.880-889. ISBN 3540298967.
- KURI-MORALES, ÁNGEL FERNANDO. "Determination of the Regularization Parameters for Support Vector Machines Via Vasconcelos Genetic Algorithm". *Proceedings of the 5th WSEAS International Conference on Soft Computing, Optimization, Simulation & Manufacturing Systems (SOMS 2005): Cancun, Mexico, May 11-14, 2005*. WSEAS Press, c2005, p.86-91. ISBN 9608457238.
- KURI-MORALES, ÁNGEL FERNANDO; JUÁREZ-ALMARAZ, FEDERICO. "Genetic Multivariate Polynomials: An Alternative Tool to Neural Networks". Sanfeliu, Alberto; Lazo Cortés, Manuel (eds.). *Progress in Pattern Recognition, Image Analysis and Applications: 10th Iberoamerican Congress on Pattern Recognition, CIARP 2005, Havana, Cuba, November 15-18, 2005, Proceedings*. Berlin: Springer-Verlag, c2005, p.262-270. ISBN 3540298509.
- PÉREZ-TORRES, JORGE ALBERTO; MEJÍA, MARCELO. "Software Development Using Agile Methodologies: An Airline Case". *Proceedings of the Sixth Mexican International Conference on Computer Science (ENC'05)*. Los Alamitos, Calif.: IEEE Computer Society, c2005, p.1-6. ISBN 0769524540.

## 2004

- CAIRÓ, OSVALDO; ÁLVAREZ, JULIO CÉSAR. "The KAMET II Approach for Knowledge-Based Systems Construction". Negoita, Mircea Gh.; Howlett, Robert J.; Jain, Lakhmi C. (eds.). *Knowledge-Based Intelligent Information and Engineering Systems: 8th International Conference, KES 2004, Wellington, New Zealand, September 20-25, 2004, Proceedings, Part I*. Berlin: Springer-Verlag, c2004, p.1227-1234. ISSN 0302-9743.
- CARTAS, RODOLFO; OROZCO, JULIO; INCERA DIÉGUEZ, JOSÉ ALBERTO DOMINGO; ROS, DAVID. "A Fairness Study of the Adaptive RIO Active Queue Management Algorithm". Baeza Yates, R.; Marroquín, J. L.; Chávez, E. (eds.). *Proceedings of the Fifth Mexican International Conference in Computer Science: ENC'04, Sept. 20-24 2004, Colima, Mexico*. Los Alamitos, Calif.: IEEE Computer Society, c2004, p.57-63. ISBN 0769521606.
- GÓMEZ DE SILVA GARZA, ANDRÉS; ZAMORA LORES, ARÁM. "A Cognitive Evaluation of a Computer System for Generating Mondrian-Like Artwork". Gero, John S. (ed.). *Design Computing and Cognition '04: 1st: 2004: Massachusetts Institute of Technology, July 19-21*. Dordrecht, Netherlands: Kluwer Academic Publishers: Springer, 2004, p.79-96. ISBN 9789048166503.
- GÓMEZ DE SILVA GARZA, ANDRÉS; ZAMORA LORES, ARÁM. "Automating Evolutionary Art in the Style of Mondrian". *Genetic and Evolutionary Computation Conference, GECCO 2004: Annual Genetic and Evolutionary Computation Conference: 6th: Seattle, Wash., Jun. 26-30, 2004*. Berlin: Springer-Verlag, p.394-395. ISBN 3540223436.
- KURI-MORALES, ÁNGEL FERNANDO. "Pattern Recognition via Vasconcelos' Genetic Algorithm". Sanfeliu, Alberto; Martínez Trinidad, José Francisco; Carrasco Ochoa, Jesús Ariel (eds.). *Progress in Pattern Recognition, Image Analysis and Applications: 9th Iberoamerican Congress on Pattern Recognition, CIARP 2004, Puebla, Mexico, October 16-29, 2004, Proceedings*. Berlin: Springer-Verlag, c2004, p.328-335. ISBN 3540235272.
- KURI-MORALES, ÁNGEL FERNANDO; GALAVIZ CASAS, JOSÉ. "Pattern-Based Data Compression". Monroy, Raúl; Arroyo-Figueroa, Gustavo; Sucar, L. Enrique; Sossa, Humberto (eds.). *MICAI 2004: Advances in Artificial Intelligence: Third Mexican International Conference on Artificial Intelligence, Mexico City, Mexico, April 26-30, 2004, Proceedings*. Berlin: Springer-Verlag, c2004, p.1-10. ISBN 3540214593.
- MEJÍA, MARCELO; OLMOS AGUIRRE, PABLO E. "Network Topology Optimization Using Tabu Search". Cancela, Héctor; Helo, Petri; Rubino, Gerardo; Urquhart, María E. (eds.). *Proceedings of the International Conference on Industrial Logistics, ICIL' 2005: Montevideo, Uruguay, February 14-18, 2005*. Montevideo: International Centre for Innovation and Industrial Logistics, 2004, p.203-211.
- WEITZENFELD RIDEL, ALFREDO JOSÉ. "MIRO: a Distributed Embedded Architecture for Visually-Guided Neuroethological Autonomous Robots". Kamel, M. (ed.). *10th IASTED International Conference on Robotics and Applications: Honolulu, Hawaii, USA: Aug. 23-25, 2004*. Alberta, Canada: ACTA Press, 2004, p.154-159. ISBN 0889864381.

## 2003

- CAIRÓ OSVALDO; PEÑALOZA, RAFAEL. "Using Bayesian Networks as an Inference Engine in KAMET". *Proceedings of the XXIII International Conference of the Chilean Computer Science Society (SCCC'03)*. Los Alamitos, Calif.: IEEE Computer Society, c2003, p.79-85. ISBN 0769520081.
- CAIRÓ, OSVALDO; OLARTE GARCÍA, JUAN GABRIEL; RIVERA ILLINGWORTH, FERNANDO EDUARDO. "A Negotiation Strategy for Electronic Trade Using Intelligent Agents". *IEEE/WIC International Conference on Web Intelligence: Proceedings: Halifax, Canada: IEEE, October 13-17, 2003*. Los Alamitos, Calif.: IEEE Computer Society, c2003, p.194-200. ISBN 0769519326.

- CAIRÓ, OSVALDO; ÁLVAREZ, JULIO CÉSAR. "KAMET II: An Extended Knowledge-Acquisition Methodology". Palade, Vasile; Howlett, Robert J.; Jain, Lakhmi C. (eds.). *Knowledge-Based Intelligent Information and Engineering Systems: 7th International Conference, KES 2003, Oxford, UK, September 3-5, 2003, Proceedings, Part I*. Berlin: Springer-Verlag, 2003, p.61-67. ISBN 9783540408031.
- CAIRÓ, OSVALDO; ÁLVAREZ, JULIO CÉSAR. "The KAMET II Methodology: A Modern Approach for Building Diagnosis-Specialized Knowledge-Based Systems". Zhong, Ning; Ras, Zbigniew; Tsumoto, Shusaku; Suzuki, Einoshin (eds.). *Foundations of Intelligent Systems: 14th International Symposium, ISMIS 2003, Maebashi City, Japan, October 28-31, 2003, Proceedings*. Berlin: Springer-Verlag, 2003, p.652-656. ISBN 3540202560.
- GÓMEZ DE SILVA GARZA, ANDRÉS; TORRES CAMPOS, ANA PATRICIA. "A Coevolutionary Method for Automating Airport Gate Scheduling". Chávez, Edgar; Favela, Jesús; Mejía, Marcelo; Oliart, Alberto (eds.). *Proceedings of the Fourth Mexican International Conference on Computer Science: ENC 2003, 8-12 Sept. 2003, Tlaxcala, México*. Los Alamitos, Calif.: IEEE Computer Society, c2003, p.200-206. ISBN 0769519156.
- KURI-MORALES, ÁNGEL FERNANDO; ORTIZ-POSADAS, MARTHA. "Classification Methods Using Neural Networks and Partial Precedence Algorithms for Differential Medical Diagnosis: A Case Study". Kumar, Vipin; Gavrilova, Marina L.; Tan, C. J. Kenneth; L'Écuyer, Pierre (eds.). *Computational Science and Its Applications ICCSA 2003: International Conference, Montreal, Canada, May 18-21, 2003: Proceedings, Part I*. Berlin: Springer-Verlag, c2003, p.378-387. ISBN 3540401555.
- KURI-MORALES, ÁNGEL FERNANDO; ORTIZ-POSADAS, MARTHA; ZENTENO, D.; PEÑALOZA, RAFAEL. "Classification of Sperm Cells According to their Chromosomic Content Using a Neural Network Trained with a Genetic Algorithm". *Final Program and Digest: EMBC 2003: 25th Annual International Conference of the IEEE Engineering in Medicine and Biology Society: A New Beginning for Human Health*. Piscataway, N. J.: IEEE, c2003, p.2253-2256. ISBN 0780377907.
- KURI-MORALES, ÁNGEL FERNANDO. "Efficient Compression from Non-Ergodic Sources with Genetic Algorithms". Chávez, Edgar; Favela, Jesús; Mejía, Marcelo; Oliart, Alberto (eds.). *Proceedings of the Fourth Mexican International Conference on Computer Science: ENC 2003, 8-12 Sept. 2003, Tlaxcala, México*. Los Alamitos, Calif.: IEEE Computer Society, c2003, p.324-329. ISBN 0769519156.
- KURI-MORALES, ÁNGEL FERNANDO; HERRERA-ALCÁNTARA, OSCAR. "Metrics for Symbol Clustering from a Pseudoergodic Information Source". Chávez, Edgar; Favela, Jesús; Mejía, Marcelo; Oliart, Alberto (eds.). *Proceedings of the Fourth Mexican International Conference on Computer Science: ENC 2003, 8-12 Sept. 2003, Tlaxcala, México*. Los Alamitos, Calif.: IEEE Computer Society, c2003, p.330-337. ISBN 0769519156.
- WEITZENFELD RIDEL, ALFREDO JOSÉ; GUTIÉRREZ-NOLASCO, SEBASTIÁN; VENKATASUBRAMANIAN, NALINI. "MIRO: an Embedded Distributed Architecture for Biologically Inspired Mobile Robots". *Proceedings of the 11th International Conference on Advanced Robotics (ICAR 2003): Coimbra, Portugal: June 30-July 03, 2003*. Coimbra, Portugal: Univ Coimbra, Fac Ciencias & Technol, Dept Engenharia Electrotech, 2003, p.582-587. ISBN 9729688982.

## 2002

- KURI-MORALES, ÁNGEL FERNANDO. "A Methodology for the Statistical Characterization of Genetic Algorithms". Coello Coello, Carlos A.; Albornoz, Álvaro de; Sucar, L. Enrique; Cairó, Osvaldo (eds.). *MICAI 2002: Advances in Artificial Intelligence: Second Mexican International Conference on Artificial Intelligence, Merida, Yucatan, Mexico, April 22-26, 2002 Proceedings*. Berlin: Springer-Verlag, c2002, p.79-88. ISBN 3540434755.



- KURI-MORALES, ÁNGEL FERNANDO; GUTIÉRREZ GARCÍA, JESÚS. "Penalty Function Methods for Constrained Optimization with Genetic Algorithms: A Statistical Analysis". Coello Coello, Carlos A.; Albornoz, Álvaro de; Sucar, L. Enrique; Cairó, Osvaldo (eds.). *MICAI 2002: Advances in Artificial Intelligence: Second Mexican International Conference on Artificial Intelligence, Mérida, Yucatán, México, April 22-26, 2002 Proceedings*. Berlin: Springer-Verlag, c2002, p.108-117. ISBN 3540434755.

## 2001

- CAIRÓ, OSVALDO; ALDECO, ANA; OLARTE GARCÍA, JUAN GABRIEL; ALGORRI, MARÍA ELENA; DÍAZ, XIMENA. "Intelligent Agents in Web Virtual Museums". Baba, N.; Jaim, L. C.; Howlett, R. J. (eds.). *Knowledge-Based Intelligent Information Engineering Systems & Allied Technologies: KES'2001: 5th International Conference on Knowledge-Based Intelligent Information Engineering Systems and Allied Technologies: Osaka Kyoiku University, Osaka, Japan: September 6-8, 2001*. Amsterdam, The Netherlands: IOS Press, c2001, p.1425-1434. ISBN 1586031929.
- WEITZENFELD RIDEL, ALFREDO JOSÉ; CERVANTES PÉREZ, FRANCISCO; SIGALA ALANÍS, GAMALIEL RODRIGO. "NSL/ASL: Simulation of Neural based Visuomotor Systems". *International Joint Conference on Neural Networks: IJCNN'01: Washington, DC: Neural Networks Council of IEEE, July 15-19, 2001: Proceedings: volume 2*. Piscataway, N. J. IEEE, 2001, p.1-6. ISBN 0780370449.

## 2000

- CAIRÓ, OSVALDO; BARREIRO, JULIO; SOLSONA, FRANCISCO. "Risks Inside-Out". Cairó, Osvaldo; Sucar, L. Enrique; Cantú-Ortiz, Francisco J. (eds.). *MICAI 2000: Advances in Artificial Intelligence: Mexican International Conference on Artificial Intelligence, Acapulco, Mexico, April 11-14, 2000: Proceedings*. Berlin: Springer-Verlag, c2000, p.426-435. ISBN 3540673547.
- SCHWARTZ, EDUARDO S.; ZOZAYA-GOROSTIZA, CARLOS. "Evaluating Investments in Disruptive Technologies". Geman, Helyette; Madan, Dilip; Pliska, Stanley R.; Vorst, Ton (eds.). *Mathematical Finance - Bachelier Congress 2000: Selected Papers from the First World Congress of the Bachelier Finance Society, Paris, June 29-July 1, 2000*. Berlin: Springer-Verlag, c2002, p.463-486. ISBN 354067781X.
- WEITZENFELD RIDEL, ALFREDO JOSÉ. "ASL/NSL: a Multi-Level Approach to Neural-Based Architectures". Arabnia, Hamid (ed.). *IC-AI'2000: Proceedings of the International Conference on Artificial Intelligence: June 26-29, 2000, Las Vegas, Nev.* Athens, Ga.: CSREA Press, 2000, p.353-359. ISBN 1892512599.
- WEITZENFELD RIDEL, ALFREDO JOSÉ; PEGUERO, OSCAR; GUTIÉRREZ, SEBASTIÁN. "NSL/ASL: Distributed Simulation of Modular Neural Networks". Cairó, Osvaldo; Sucar, L. Enrique; Cantú-Ortiz, Francisco J. (eds.). *MICAI 2000: Advances in Artificial Intelligence: Mexican International Conference on Artificial Intelligence, Acapulco, Mexico, April 11-14, 2000: Proceedings*. Berlin: Springer-Verlag, c2000, p.326-337. ISBN 3540673547.
- ZOZAYA-GOROSTIZA, CARLOS; ORELLANA-MOYAO, DAVID R. "Modifications to the Credit Apportionment Mechanism of a Simple Classifier System". Cairó, Osvaldo; Sucar, L. Enrique; Cantú-Ortiz, Francisco J. (eds.). *MICAI 2000: Advances in Artificial Intelligence: Mexican International Conference on Artificial Intelligence, Acapulco, Mexico, April 11-14, 2000: Proceedings*. Berlin: Springer-Verlag, c2000, p.235-246. ISBN 3540673547.