



## Artículos Arbitrados Aceptados

### ASTROFISICA

#### Internacionales

1. **Chávez, M., Bertone, E., Morales-Hernández (est.) J., Bressan, A.**, “Mid-UV Narrow-Band Indices of Evolved Simple Stellar Populations”., ApJ, 15 de mayo 2009.
2. Halverson, N. W. Lanting, T. Ade, P. A. R. Basu, K. Bender, A. N., B. A. Benson Bertoldi, F. Cho, H.-M. Chon, G. Clarke, J. Dobbs, M., **Ferrusca, D.** Guesten, R. Holzzapfel, W. L. Kovacs, A. Kennedy, J. Kermish, Z. Kneissl, R. Lee, A. T. Lueker, M. Mehl, J. Menten, K. M. Muders, D. Nord, M. Pacaud, F. Plagge, T. Reichardt, C. Richards, P. L. Schaaf, R. Schilke, P. Schuller, F. Schwan, D. Spieler, H. Tucker, C. Weiss, A. Zahn O., “Sunyaev-Zel'dovich Effect Observations of the Bullet Cluster (1E 0657-56) with APEX-SZ”, ApJ, junio 2009.
3. Shcherbacov, A., Bliznetsov, A., **Luna Castellanos, A., Sánchez Lucero, D.,(est.)**, “Acousto-Optical Spectrum Analysis of ultra-high-Frequency Radio-Wave Analogue Signals with an improved resolution exploiting the collinear acoustic wave Heterodyning”, Opt. Int. Journal, Light Electron. Opt. 2009.
4. Viironen, K., Mampaso, A., Corradi, R. L. M., **Rodríguez, M.**, Greimel, R., Sabin, L., Sale, S. E., Unruh, Y., **Delgado-Inglada, G.** (est.); Drew, J., Giammanco, C., Groot, P., Parker, Q. A., Sokoloski, J.; Zijlstra, A., “New Young Planetary Nebulae in IPHAS”, A&A, marzo 2009.
5. Viironen, K., Greimel, R., Corradi, R. L. M., Mampaso, A., **Rodríguez, M.**, Sabin, L., **Delgado-Inglada, G.** (est.), Drew, J. E., Giammanco, C., Gonzalez-Solares, E. A., Irwin, M. J., Miszalski, B., Parker, Q. A., Rodriguez-Flores, E. R., Zijlstra, A., “Candidate planetary nebulae in the IPHAS photometric catalogue”, A&A, junio 2009.
6. Froese Fischer, C., Tachiev, G., Rubin, R. H., **Rodríguez, M.**, “Analysis of Breit-Pauli Transition Probabilities for Lines in O III”, ApJ, junio 2009



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7. **Rosa González, D., Terlevich, E.,** Jimenez Bailon, E., **Terlevich, R.,** Ranalli, P., Comastri, A., Laird, E., Nandra, K, "Evolution of the X-ray Luminosity in Young HII Galaxies", MNRAS, junio 2009.

### Nacional

8. Arshakian, T.G., **Leon-Tavares, J.,** Lobanov, A.P., **Chavushyan, V.,** Shapovalova, A., Burenkov, A., Zensus, "Observational evidence for the link between the variable optical continuum and the subparsec-scale jet of the radiogalaxy 3C 390.3.", A.P., MNRAS.

### OPTICA

#### Internacional.

9. M. Medina-Melendrez, M. Arias, **A. Castro-Ibarra.** "Input and or output pruning of composite length FFTs using a DIF-DIT transform decomposition". IEEE Transaction of Signal and Processing, (2009).
10. **N. Korneev-Zabello,** P. Rodríguez-Montero, O. Benavides. "Rubidium vapor holography for noncontact adaptive detection of ultrasound". Optics Letters, **34,** (2009), 1964–1966.
11. S. Ostrovsky, M.A. Olvera, C. Rickenstorff, **G. Martínez-Niconoff,** V. Arrizon-Peña. "Generation of secondary electromagnetic source with desired statistical properties". Optics Communications, (2009).
12. **D. Sánchez-de La Llave,** S. Chávez-Cerda, M. Anguiano-Morales, D. Ramírez, M. M. Méndez-Otero, M. D. Iturbe-Castillo. "Multiple beam Michelson based interferometer". Optical Engineering, (2009).



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13. **Shcherbakov**, I. Hernández-Romano. "Theoretical study of implementing an all-optical analogue-to-digital conversion based on the Mach-Zehnder interferometric configurations". OPTIK International Journal for Light and Electron. Optics, (2009).

### Nacional

#### ELECTRONICA

### Internacional

14. J.E. Molinar-Solis, R. Garcia-Lozano, I. Padilla-Cantoya, **A. Díaz-Sanchez**, and J.M. Rocha-Perez, "On the Characterization of the Trapped Charge in FG-CMOS Inverters," accepted for publication in the Analog Integrated Circuits and Signal Processing: An International Journal.
15. G.A. Muñoz-Hernández, **A. Díaz-Sánchez**, J. Estévez-Carreón, C.A. Graciós-Marin, P. Nuno-de-la-Parra, "Recursive Decision-making Feedback Extension (RDFE) for Fuzzy Scheduling scheme applied on electrical power control generation," accepted for publication in the International Journal of Electrical Power and Energy Systems, Elsevier. ISSN 0142-0615.
16. **G. Jovanovic Dolecek** and S. Mitra, "Two-Stage CIC Based Decimator with Improved Characteristics " Accepted for IET Signal Processing. ( Registrado en Science Citation index
17. "Prediction of trapping zones in an insulator-based dielectrophoretic device". Javier L. Baylon-Cardiel, Blanca H. Lapizco-Encinas, **Claudia Reyes-Betanzo**, Ana V. Chávez-Santoscoy, Sergio O. Martínez-Chapa, Revista: Lab on a Chip, ISSN: 1473-0197.
18. R. Trejo-Guerra, **E. Tlelo-Cuautle**, C. Cruz-Hernández, C. Sánchez-López, Chaotic communication system using Chua's oscillators realized with CCII+s, International Journal of Bifurcations and Chaos. **R. Trejo-Guerra** es estudiante de Doctorado. Science citation index



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19. **E. Tlelo-Cuautle**, C. Sánchez-López, D. Moro-Frías, Symbolic analysis of (MO)(I)CCI(II)(III)-based analog circuits, International Journal of Circuit Theory and Applications
20. Mendoza Vázquez, A. Z. Escudero-Uribe, **E. Tlelo-Cuautle**, J. L. Vázquez González, Simulation of a parallel mechanical elbow with 3 DOF Journal of Applied Research and Technology. **J. R. Mendoza Vázquez**

**Nacional**  
**No hay**

CIENCIAS COMPUTACIONALES

**Internacional**

21. "Input and/or Output Pruning of Composite Length FFTs Using a DIF-DIT Transform Decomposition," **Medina-Melendrez, M.; Arias-Estrada, M.** accepted for publication in IEEE Transactions in Signal Processing. 2009
22. "FPGA based acceleration for image processing applications," Griselda Saldaña-González and **Miguel Arias-Estrada**, for accepted chapter in book: Image Processing, ISBN978-3-902613-44-8, invited author. Edit. In-Tech. Scheduled for Sept 2009.
23. A new fast prototype selection method based on clustering. **J. Arturo Olvera López, J. Ariel Carrasco Ochoa, J. Fco. Martínez Trinidad.** Accepted to Pattern Analysis & Applications
24. Algorithms for Mining Frequent Itemsets in Static and Dynamic Dataset. **R Hernández-León**, J Hernández Plancar, **Jesús A. Carrasco-Ochoa, José Fco. Martínez-Trinidad.** For publication in the IDA Journal. Accepted June 2009.



## Artículos Arbitrados Aceptados

25. A New Algorithm for Mining Frequent Connected Subgraphs based on Adjacency Matrices. **Andrés Gago-Alonso**, Abel Puentes-Luberta, **Jesús A. Carrasco Ochoa**, **José Fco. Martínez-Trinidad**. For publication in the IDA Journal. Accepted June 2009.
26. The Segmented and Annotated IAPR TC-12 Benchmark. **H. Jair Escalante**, **Carlos A. Hernández**, **Jesús A. González**, **Aurelio López**, **Manuel Montes**, **Eduardo Morales**, **Enrique Sucar**, and **Luis Villaseñor**. Computer Vision and Image Understanding. Enviado en mayo 2008. (Indexado por SCI)
27. Extracting new patterns for cardiovascular diseases prognosis. **Luis Mena Jesús A. González**, Gladys Maestre. Expert System. The Journal of Knowledge Engineering.
28. Prototype Selection based on Sequential Search. **J. A. Olvera-López**, **J. Fco. Martínez-Trinidad**, **J. A. Carrasco Ochoa**, and J. Kittler. Aceptad to the Publisher in Volumen 13(4) of the Intelligent Data Analysis Journal.
29. Using Machine Learning for Extracting Information from Natural Disaster News Reports. **Alberto Téllez Valero**, **Manuel Montes y Gómez** y **Luis Villaseñor Pineda**. Computación y Sistemas. (Padrón de Revistas de Conacyt)
30. Towards Multi-Stream Question Answering using Answer Validation. Alberto Téllez-Valero, **Manuel Montes-y-Gómez**, **Luis Villaseñor-Pineda**, Anselmo Peñas-Padilla. Journal of Informatics.
31. An Intermedia Synchronization Mechanism for Multimedia Distributed systems. **Saul E. Pomares Hernandez**, **Jorge Estudillo Ramirez**, **Luis A. Morales Rosales**, **Gustavo Rodriguez Gomez**. International Journal of Internet Protocol Technology (IJIPT), InderScience. [Abstracting/Indexing:ACM Guide to Computing Literature, Information Systems Journal, Compendex, Computer and Information Systems, DBLP, INSPEC, PASCAL, SCOPUS]



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32. An Efficient Causal Ordering Algorithm for Multicast Communication Channels. **Saul E. Pomares Hernandez, Luis A. Morales Rosales**, Jean Fanchon. International Journal of Parallel, Emergent and Distributed Systems, Taylor & Francis [Abstracting/Indexing: Zentralblatt MATH/Mathematics Abstracts; Mathematical Reviews/MathSciNet; New Jour; SciBase; Scopus; Zetoc; British Library Inside and EBSCO Databases]
33. “An Efficient  $\Delta$ -Causal Distributed Algorithm for Synchronous Cooperative Systems in Unreliable Networks”, **Saul E. Pomares Hernandez, Eduardo Lopez Dominguez, Gustavo Rodriguez Gomez**, and Jean Fanchon, Revista Computación y Sistemas, Eds. Centro de Investigación en Computación-IPN, ISSN 1405-5546. Aceptada Mayo 2009.
34. “Exponential Convergence of Multiquadric Collocation Method: a Numerical Study”, José Antonio Muñoz-Gómez, Pedro González-Casanova, **Gustavo Rodríguez-Gomez**, Ingeniería Investigación y Tecnología. Revista registrada en el padrón de CONACYT.
35. AsistO: A Qualitative MDP-based Recommender System for Power Plant Operations. A Reyes, **L. E. Sucar, E. F. Morales**. Aceptado para publicarse en Computación y Sistemas, Special issue on Innovative Applications of AI (IAAI). Aceptado diciembre 2008.
36. Un método independiente del idioma para responder preguntas de definición. **Claudia Denicia-Carral, Luis Villaseñor-Pineda, Manuel Montes-y-Gómez**. Computación y Sistemas. (Indexada por Conacyt)