

Artículos Arbitrados Publicados

ASTROFISICA

Internacional

1. **Chapin, E., Hughes, D., Aretxaga, I.**, "The local far-infrared galaxy colour-luminosity distribution: a reference for BLAST and Herschel/SPIRE submillimetre surveys", MNRAS, 393, Issue 2, 653-662, febrero 2009.
2. Bianchi, L., Hutchings, J. B., Efremova, B., Herald, James E., **Bressan, A.**, Martin, Ch., "Ultraviolet Quasi-Stellar Objects" AJ, 137, 3761-3777, abril 2009.
3. Clemens, M. S., **Bressan, A.**, Nikolic, B., Rampazzo, R., "The history of star formation and mass assembly in early-type galaxies", MNRAS, 392, 37-39, enero 2009.
4. Clemens, M. S., **Bressan, A.**, Panuzzo, P., Rampazzo, R., Silva, L., Buson, L., Granato, G. L., "The mid-infrared colour-magnitude relation of early-type galaxies in the Coma cluster as measured by Spitzer-IRS", MNRAS, 392, 982-991 enero 2009.
5. **Cardona, O.**, Simonneau, E., Crivellari, L., "Thermodynamic Coefficients for Stellar Atmospheres and Plasma Spectroscopy", ApJ., 695, 855-864, abril 2009.
6. **Cardona, O.**, Simonneau, E., Crivellari, L., "Method for Calculating the Opacity of Atomic Lines in Stellar Atmospheres", ApJ., 690, 1378-1385, enero 2009.
7. Masetti, N., Parisi, P., Palazzi, E., Jiménez-Bailón, E., Morelli, L., **Chavushyan, V.**, Mason, E., McBride, V. A., Bassani, L., Bazzano, A., and 10 coauthors "Unveiling the nature of INTEGRAL objects through optical spectroscopy. VII. Identification of 20 Galactic and extragalactic hard X-ray sources", A&A, 495, 121-135, febrero 2009.
8. **Mendoza-Torres, E.**, Wilhelm, K., Lara, A., "The solar plasma conditions in the source regions of two explosive events", A&A, 495, 613-620, febrero 2009.
9. **Juarez, Y. (est)**, Maiolino, R., Mujica, R., Pedani, M., Marinoni, S., Nagao, T., Marconi, A., Oliva, E. "The metallicity of the most distant quasars", A&A, 494, 25-28, febrero 2009.

Artículos Arbitrados Publicados

10. **Plionis, M., Tovmassian, H.M.**, Andernach, H., "Richness dependence of the recent evolution of clusters of galaxies", MNRAS, 395, 2-10, mayo 2009.
11. Block, D. L., **Puerari, I.**, Elmegreen, B. G., Elmegreen, D. M., Fazio, G. G., Gehrz, R. D., "Detection of Star Streams and Turbulence in Nearby Galaxies: Power Spectrum Analysis of Spitzer Images, ApJ 694, 115 – 129, marzo 2009
12. Buta, R. J., Knapen, J. H., Elmegreen, B. G., Salo, H., Laurikainen, E., Elmegreen, D. M., **Puerari, I.**, Block, D.L. , "Do Bars Drive Spiral Density Waves?", AJ, 137, 4487 – 4516, mayo 2009.
13. **Delgado-Ingla, G.** (est.); **Rodríguez, M.**; Mampaso, A.; Viironen, K., "The Iron Abundance in Galactic Planetary Nebulae", ApJ, 694, 1335-1348, abril 2009.
14. Mesa-Delgado, A., Esteban, C., García-Rojas, J., Luridiana, V., Bautista, M., **Rodríguez, M.**, López-Martín, L., Peimbert, M., "Properties of the ionized gas in HH 202 - II. Results from echelle spectrophotometry with Ultraviolet Visual Echelle Spectrograph", MNRAS, 395, 855-876, mayo 2009.
15. **Silantyev, N. A., Lekht, E. E.**, Alexeeva, G. A., "Influence of Doppler width fluctuations on the shape of the spectral lines", ApJ , 696, 1972 – 1980, mayo 2009.
16. Bosch, G., **Terlevich, E., Terlevich, R.**, "Gemini/GMOS Search for Massive Binaries in the Ionizing Cluster of 30 Dor", AsJ, 137, 3437-3441, febrero 2009.
17. **Tovmassian, H.M., Plionis, M.**, "The Relation Between Morphology and Dynamics of Poor Groups of Galaxies", ApJ, 696, 1441-1447, mayo 2009.

OPTICA

Internacional

18. **V. Arrizón-Peña**, D. Sánchez-de la Llave, U. Ruiz-Corona, G. Méndez-Vázquez. "Efficient generation of an arbitrary nondiffracting Bessel beam employing its phase modulation". Optics Letters, 34, 9, (2009), 1456-1458.

Artículos Arbitrados Publicados

19. L. A. González-González, **V. Arrizón-Peña**. "Laser line shape recovery system based on a double pixelated axilens". *Optical Engineering*, **48**, 043603, (2009), 1-8.
20. **V. Arrizón-Peña**, U. Ruiz-Pérez, G. Méndez-Vázquez, A. Apolinari-Iribar. "Zero order synthetic hologram with a sinusoidal phase carrier for generation of multiple beams". *Opt. Express* **17**, (2009), 2663-2669.
21. M. A. Alonso-Pérez, **J. J. Báez-Rojas**. "Conversion from n bands color space to HSIn Color space". *Optical Review*, **16**, **2**, (2009), 91–98.
22. J. Salinas-Luna, **F. Granados-Agustín**, A. Cornejo-Rodríguez, E. Luna-Aguilar, J. J. Sánchez-Escobar, J. M. Hernández-Cid. "Ronchi test with variable frequency rulings". *Optical Engineering* **48**, 1,(2009), . 013604-1, 013604-7.
23. R. Díaz-Uribe, **F. Granados-Agustín**, A. Cornejo-Rodríguez. "Classical Hartmann test with scanning". *Optics Express* **17**, (2009),13959-13973.
24. O. Pottiez, **B. Ibarra-Escamilla**, E. A. Kuzin. "Step-like all-optical decision function using nonlinear polarization rotation in a Nonlinear Optical Loop Mirror and in a subsequent fibre section with output polarisation selection". *Optical Fiber Technology* **15**, (2009), 258-265.
25. O. Pottiez, **B. Ibarra-Escamilla**, E. A. Kuzin. "Large amplitude noise reduction in ultrashort pulse trains using a power-symmetric nonlinear optical loop mirror". *Optics and Laser Technology*, **41** (2009), 384-391.
26. O. Pottiez, **B. Ibarra-Escamilla**, E. A. Kuzin. "Large signal-to-noise-ratio enhancement of ultrashort pulsed optical signal using a power-symmetric Nonlinear Optical Loop Mirror with output polarisation selection". *Optical Fiber Technology*, **15**, (2009), 172-180.
27. **B. Ibarra-Escamilla**, O. Pottiez, E. A. Kuzin, M. Durán-Sánchez, J. W. Haus. "All-Fiber passive mode-locked laser to generate ps pulses based in a symmetrical NOLM". *Laser Physics* **19**, 2, (2009), 368-370.

Artículos Arbitrados Publicados

28. O. Pottiez, **B. Ibarra-Escamilla**, E. A. Kuzin. "High-energy pulses from a figure 8 fiber laser with normal net dispersion". *Laser Physics* **19**, 2, (2009) 371-376.
29. 12. **N. Korneev-Zabello**, O. Benavides. "Direct multi-level density matrix calculation of nonlinear optical rotation spectra in rubidium vapour". *Journal of Modern Optics.*, **56**, (2009), 1194-1198.
30. 13. **N. Korneev-Zabello**, P. Rodríguez-Montero, O. Benavides. "Rubidium vapor holography for noncontact adaptive detection of ultrasound". *Optics Letters* **34**, 13, (2009), 1964-1966.
31. 14. M. Bello-Jiménez, **E. A. Kuzin**, O. Pottiez, B. Ibarra-Escamilla, A. Flores-Rosas, M. Duran-Sanchez. "Soliton extraction from a bunch of solitons resulting from pulse breakup by using nonlinear optical loop mirror". *JOSA B* **26**, 7, (2009) 1456-1462.
32. 15. **E. A. Kuzin**, O. Pottiez, M. Bello-Jiménez, B. Ibarra-Escamilla, A. Flores-Rosas, M. Durán-Sánchez. "The Use of NOLM for investigations of initial development of supercontinuum in fibers with anomalous dispersion". *Laser Physics*, **19**, 4, (2009), 876-880.
33. 16. A. S. Ostrovsky, **G. Martínez-Niconoff**, V. Arrizón-Peña, P. Martínez-Vara, M. A. Olvera-Santamaría, C. Rickenstorff-Parrao. "Modulation of coherence and polarization using liquid crystal spatial light modulators". *Optics Express* **17**, (2009), 5257-5264
34. S. Ostrovsky, **G. Martínez-Niconoff**, P. Martínez-Vara, M. A. Olvera-Santamaría. "The van cittert-zernike theorem for electromagnetic fields". *Optics Express*, **17**, 3 (2009), 1746-1752.
35. E. Sliwinska, **S. Mansurova**, U. Hartwig, K. Buse, K. Meerholz. "Effect of co-sensitization in new hybrid photo-refractive materials base don PVK polymer matrix and LiNbO₃ nanoparticles". *Applied Physics, B* **95**, (2009), 519-525.]
36. **S. Mansurova**, U. Hartwig, K. Buse, E. Sliwinska, K. Meerholz. "Enhancement of charge carrier transport by doping PVK-based photoconductive polymers with LiNbO₃ nanocrystals". *Physics Review, B* **79**, (2009), 174208-174215.

Artículos Arbitrados Publicados

37. **D. A. May-Arrioja**, N. Bickel, A. Alejo-Molina, M. Torres-Cisneros, J. J. Sánchez-Mondragón, P. LiKamWa. "Intermixing of InP-based multiple quantum wells for integrated optoelectronic devices". *Microelectronics Journal*, **40**, 3, 2009, 574-576.
38. M. Torres-Cisneros, N. Yanagihara, B. González-Rolon, M. A. Meneses-Nava, O. G. Ibarra-Manzano, **D. A. May-Arrioja**, J. Sánchez-Mondragón, E. Aguilera-Gómez, L. A. Aguilera-Cortés. "Synthesis and nonlinear optical behavior of Ag nanoparticles in PMMA". *Microelectronics Journal*, **40**, 3, (2009), 621-623.
39. **H. Moya-Cessa**, M. Fernández-Guasti, V. M. Arrizón-Peña, S. Chávez-Cerda. "Optical realization of quantum-mechanical invariants". *Optics Letter* **34**, 9, (2009), 1459-1461.
40. R. Juárez-Amaro, J. L. Escudero-Jiménez, **H. Moya-Cessa**. " Intrinsic decoherence in the interaction of two fields with a two-level atom". *Ann. Phys*, **18**, 6, (2009), 454-458.
41. R. Porras-Aguilar, **J. C. Ramírez-San Juan**, O. Baldovino-Pantaleón, D. May-Arrioja, M. L. Arroyo-Carrasco, M. D. Iturbe-Castillo, D. Sánchez-de la Llave, R. Ramos-García. "Polarization-controlled contrasted images using dye-doped nematic liquid crystals". *Optics Express*, **17**, 5, (2009), 3417-3423.
42. C. C. Wang, S. Trivedi, F. Jin, V. Swaminathan, **P. Rodríguez-Montero**, N. S. Prasad. "High sensitivity pulsed laser vibrometer and its applications as a laser microphone". *Applied Physics Letters*, **94**, (2009), 051112-1-051112-03.
43. M. Torres-Cisneros, C. Velásquez-Ordóñez, **J. Sánchez-Mondragón**, A. Campero, O. G. Ibarra-Manzano, D. A. May-Arrioja, H. Plascencia-Mora, A. Espinoza-Calderón, I. Sukhoivanov. "Synthesis and optical characterization of Ag⁰ nanoparticles". *Microelectronics Journal*, **40**, 3, (2009), 618-620.
44. Alejo-Molina, **J. J. Sánchez-Mondragón**, D. A. May-Arrioja, D. Romero, J. Escobedo-Alatorre, A. Zamudio-Lara. "Complex dispersion relation of 1D dielectric photonic crystal with thin metallic layers". *Microelectronics Journal*, **40**, 3, (2009), 459-461.

Artículos Arbitrados Publicados

45. J. Varona, M. Tecpoyotl-Torres, A. A. Hamoui, J. Ecobedo-Alatorre, **J. Sánchez-Mondragón**. "Polysilicon thermal micro-actuators for heat scavenging and power conversion". *Journal of Micro Nanolithography, MEMS, and MOEMS*, (JM3), **8**, 2, (2009), 023020-1-023020-6.
46. **S.Shcherbakov**, E. Tepichín-Rodríguez, A. Aguirre-López, J. E. Maximov. "Frequency bandwidth and potential resolution of optical modulators exploiting a multi-phonon light scattering in crystals". *Optik*, **120**, 7, (2009) 301-312.
47. G. X. Ritter, **G. Urcid-Serrano**, M. S. Schmalz. "Autonomous single-pass endmember approximation using lattice auto-associative memories". *Elsevier Neurocomputing Journal*, **72**, (2009), 2101-2110.

NACIONAL

48. Flores-Rosas, **E. A. Kuzin**, B. Ibarra-Escamilla, M. Bello-Jiménez. "Eliminación de ruido ASE en una fibra dopada con erbio empleando un filtro basado en el interferómetro de Sagnac con fibra de Hi-Bi en el lazo". *Revista Mexicana de Física*, **54**, 2, (2008), 130-134.
49. M. Durán-Sánchez, **E. A. Kuzin**, B. Ibarra-Escamilla, M. Bello-Jiménez, A. Flores-Rosas, G. Beltrán-Pérez, J. L. Hernández-Rebollar."A switchable dual wavelength fiber laser using Bragg gratings and Erbium doper fiber". *Revista Mexicana de Física*, **55**, 1, (2009) 73-76.
50. A. S. Ostrovesky, M. A. Olvera Santamaría, C. Rickenstorff-Parrao, **G. Martínez-Niconoff**, V. Arrizon-Peña. "Two techniques for generating a secondary electromagnetic source with desired statistical properties". *Revista Mexicana de Física*, **55**, (3), (2009).

ELECTRONICA

Internacional

51. "The mechanism of electrical annihilation of conductive paths and charge trapping in silicon-rich oxides" A Morales-Sánchez, J Barreto, C Domínguez, **M Aceves** and J A Luna-López. *Nanotechnology* 20 (2009) (7pp).

Artículos Arbitrados Publicados

52. Structural characteristics of a multilayer of silicon rich oxide (SRO) with high Si content prepared by LPCVD" **E. Quiroga**, W. Bensch, Z. Yu, **M. Aceves**, R. A. De Souza, M. Martin, V. Zaporojtchenko, and F. Faupel. Phys. Status Solidi A, 1– 7 (2009) / DOI 10.1002/pssa.200824365.
53. "The Deposition and Control of Self Assembled Silicon Nanosllands on Crystalline Silicon" Ragnar Kiebach,Zhenrui Yu, Mariano Aceves-Mijares, Dongcai Bian, Jinhui Du. International Journal of High Speed Electronics and Systems Vol. 18, No. 4 (2008) 901–910
54. **Díaz-Méndez**, J. V. Marquina-Pérez, M. Cruz-Irisson, R. Vázquez-Medina, J. L. Del-Río-Correa, "Chaotic Noise MOS Generator based on Logistic Map Microelectronics" Journal, Elsevier, Vol 40, no. 3, march 2009, pp.638-640, ISSN 0026-2692
55. A. Miranda, R. Vázquez, **A. Diaz-Mendez**, M. Cruz-Irisson, Optical matrix elements in tight-binding approach of hydrogenated Si nanowires, Microelectronics Journal, Elsevier, Vol 40, no. 3, march 2009, pp. 456-458, ISSN 0026-2692
56. **Alfonso Fernandez Vazquez** and Gordana Jovanovic Dolecek, "A General Method to Design GCF Compensation Filter" IEEE Transactions on Circuits and Systems II: Express Briefs. vol. 56, no 5, May 2009, pp. 409-413. Digital object identifier 10.1109/TCSII.2009.2019337.
57. J. Piskorowski, **M.Á. Gutiérrez de Anda**, "A New Class of Continuous-Time Delay-Compensated Parameter-Varying Low-Pass Elliptic Filters With Improved Dynamic Behavior", IEEE Transactions on Circuits and Systems I: Regular Papers, vol. 56, no.1, pp. 179-189, January 2009
58. **M.A. Gutiérrez de Anda**, A. Sarmiento Reyes, L. Hernández Martínez, J. Piskorowski, R. Kaszyński, "The reduction of the duration of the transient response in a class of continuous-time LTV filters", IEEE Transactions on Circuits and Systems II: Express Briefs, vol. 6, no. 2, pp. 102-106, February 2009.
59. E. Torres-R., **R. Torres-T.**, Edmundo A. Gutiérrez-D., "Analysis of the impact of the drain-junction tunneling effect on a microwave MOSFET from S-parameter measurements", Solid-State Electronics, Vol. 53, 2009, pp. 145-149.

Artículos Arbitrados Publicados

60. A. Garcia-B., V. Grimalsky, **Edmundo A. Gutiérrez-D.**, and V. Palankovski, "Nonstationary effects of the space charge in semiconductor structures", Journal of Applied Physics, Vol. 105, 2009, pp. 074501-1 to 074501-6.
61. **Jorge R. Zurita-Sánchez**, P. Halevi, and Juan C. Cervantes-González "Reflection and transmission of a wave incident on a slab with a time-periodic dielectric function $\epsilon(\omega)$ " Physical Review A 79, 053821 (2009) – 13 pp.
62. **Victor Jimenez-Fernandez**, Luis Hernandez-Martinez, Arturo Sarmiento-Reyes, "An iterative decomposed piecewise-linear model description", Active and Passive Electronic Components, Hindawi Publishing Corporation 2009.
63. L. Acosta M. Jiménez, R. G. Carvajal, A. López-Martín, J. Ramírez-Angulo, "Highly Linear tunable CMOS Gm-C Low-Pass Filter", IEEE Transactions on Circuits and Systems I: Regular Papers. Digital Object Identifier: 10.1109/tcsi.2008.2012218, issn: 1549-8328, First Published 2009-01-06.
64. **G. Jovanovic Dolecek and V. Dolecek**, "Application of Rouche's theorem for MP filter design," Journal Applied Mathematics and Computation.(Elsevier), vol.211, Issue 2, 15 May 2009, pp.329-335. (Registrado en Science Citation index).
65. **G. Jovanovic Dolecek** and Fred Harris, "Design of Wide band CIC Compensator Filter in a Digital IF Receiver ", Journal Elsevier Digital Signal Processing, ISSN: 1051-2004, vol.19, N05, pp.827-837. (Registrado en Science Citation index).
66. **A. Fernandez Vazquez** and G. Jovanovic Dolecek, "A General Method to design GCF Compensation Filter", IEEE Transactions on Circuits and Systems II: Express Brief, vol.56, N05, May 2009, pp. 409-413. (Registrado en Science Citation index).
67. **G. Jovanovic Dolecek** and Fred Harris, "On MATLAB demonstrations of narrowband gaussian noise," Accepted for John Wiley & Sons journal Computer Applications in Engineering Education. Publicado online con DOI:10.1002/cae.20340 en Early view Registrado en Science Citation index).

Artículos Arbitrados Publicados

68. A.Kosarev, M.Moreno, A.Torres, R.Ambrosio. "Microbolometers fabricated with surface micromachining with a-Si-Ge:H thermo-sensing films" Invited Paper, Int. J. of High Speed Electronics and Systems", 2008, Vol.18, No.4 p.p. 1045-1054 , awarded as the best accepted in 2008. (este articulo no fue incluido en el reporte de productividad en 2008).
69. **A.Kosarev**, I.C.Bolaños, A.Torres. "Noise spectra of Si(x)Ge(y)B(z) thermo-sensing films for micro-bolometers", MRS Res. Symp. Proc. 2009, Vol. 1153, pp. 1153-A19-05 (4 pages).
70. Joel Molina, **Francisco J. De La Hidalga**, Pedro Rosales, Kuniyuki Kakushima, Parhat Ahmet, Kazuo Tsutsui, Nobuyuki Sugii, Takeo Hattori and Hiroshi Iwai. "Reliability Characteristics of W-La₂O₃ Structures Compared with those of HfO₂-Based Gate Oxides". IEEE Proceedings of the Electron Devices and Solid-State Circuits, 2008, Vol. 1, pp. 1-4. (January 23rd, 2009).
71. J. A. Luna-López A.Morales-Sánchez **M. Aceves-Mijares**, Z Yu and C. Domínguez, "Analysis of surface roughness and its relationship with photoluminescence properties of silicon-rich oxide films" J. Vac. Sci and Technol. A 27 (1) 57 (2009).
72. J. A Luna-López, **M. Aceves-Mijares**, J. Carrillo-López, A. Morales-Sánchez, F. J. Flores-García, G. García-Salgado, "Photoconduction in silicon rich oxide films", J. of Physics: Conference Series 167 (2009) 012017.
73. **Juan Manuel Ramirez-Cortés**, P. Gomez-Gil, G. Sanchez-Perez, Cesar Prieto-Castro, "Shape-based hand recognition approach using the morphological pattern spectrum", Journal of Electronic Imaging, ISSN 1017-9709, Vol. 18, No. 1, pp. 013012-013012-6, 2009. (Circulación internacional. Science Citation Index).
74. G. Zatorre, N. Medrano, **M.T. Sanz**, C. Aldea, B. Calvo, S. Celma, "Digitally Programmable Analogue Circuits for Sensor Conditioning Systems", Sensors, vol. 9, pp. 3652-3665, 2009.
75. **Reydezel Torres-Torres**, Gaudencio Hernández, Gerardo Romo, and Adan Sánchez, "Characterization of Electrical Transitions Using Transmission Line Measurements", IEEE Transactions on Advanced Packaging, Vol. 32, pp. 45-52, Feb 2009.

Artículos Arbitrados Publicados

76. Emmanuel Torres-Ríos, **Reydezel Torres-Torres**, Edmundo A. Gutiérrez-D., "Analysis of the impact of the drain-junction tunneling effect on a microwave MOSFET from S-parameter measurements," Solid-State Electronics, Vol. 53, pp. 145-149, Feb. 2009.
77. Emmanuel Torres-Ríos, **R. Torres-Torres**, R. Murphy-Arteaga, E. Gutiérrez-Dominguez, "Analytical Characterization and Modeling of Shielded Test Structures for RF-CMOS", International Journal of High Speed Electronics and Systems, Vol. 18 pp. 793-803, Dec. 2008..
78. J.M. Muñoz-Pacheco, **E. Tlelo-Cuautle**, "Automatic synthesis of 2D-n-scrolls chaotic systems by behavioral modeling", Journal of Applied Research and Technology, vol. 7, no. 1, pp. 5-14, April 2009. J.M. Muñoz-Pacheco.
79. Jorge R. Zurita-Sánchez, **P. Halevi**, and Juan C. Cervantes-González, Reflection and transmission of a wave incident on a slab with a time-periodic dielectric function $\epsilon(t)$, Phys. Rev. A 79, 053821 (2009).

1. Publicados con arbitraje nacional No hay

CIENCIAS COMPUTACIONALES

Internacional

80. "An Area/Performance Trade-Off Analysis of a GF(2^m) Multiplier Architecture for Elliptic Curve Cryptography", Miguel Morales-Sandoval, **Claudia Feregrino-Uribé**, René Cumplido and Ignacio Alredo Badillo. Computers & Electrical Engineering Volumen 35, Issue1, January 2009. Elsevier. (Revista indizada en Science Citation Index) pp. 54-58
81. "A shape-based hand recognition approach using the morphological pattern spectrum." Ramírez, J.M, **Pilar Gomez Gil**, Sánchez-Perez, G. Prieto-Castro, C. Journal of Electronic Imaging. Jan-March 2009. Vol. 18, No. 1. ISSN 1017-9909. Digital version: Vol. 18, 013012 (2009); DOI:10.1117/1.3099712. 6 páginas.

Artículos Arbitrados Publicados

82. Symbolic one-class learning from imbalanced datasets: application in medical diagnosis. Luis Mena, **Jesús A. González**. International Journal on Artificial Intelligence Tools (IJAIT). Volume: 18, Issue: 2 (April 2009) (Science Citation Index). Pp.273-309
83. "Particle Swarm Model Selection", H. Escalante, **M. Montes, L.E. Sucar**. Journal of Machine Learning Research, ISSN: 1938-7228. Vol. 10 (Feb). (Indexada por SCI) pp. 405-440, 2009.
84. "Using the Web as Corpus for Self-training Text Categorization". Rafael Guzmán-Cabrera, **Manuel Montes-y-Gómez**, Paolo Rosso, Luis Villaseñor-Pineda. Journal of Information Retrieval, Volume 12, Number 3, June, 2009. (Indexada por SCI) ISSN:1386-4564. pp. 400-415.
85. "An Efficient Δ -Causal Algorithm for Real-Time Distributed Systems". **S.E. Pomares Hernandez**, E. Lopez Dominguez, G. Rodriguez Gomez and J. Fanchon. Journal of Applied Sciences, Asian Networks for Scientific Information, Vol. 9 Issue 9, 2009. ISSN 1812-5654. pp 1711-1718. (Abstracting/Indexing: ISI Web of Knowledge, AGRICOLA, AGRIS, Chemical Abstract Services, EMBASE, Google Scholar, SCOPUS.)
86. "Fuzzy Causal Ordering of Events in Distributed Systems". Luis A. Morales Rosales, **Saul E. Pomares Hernandez** and Gustavo Rodriguez Gomez. Journal of Applied Sciences, Asian Networks for Scientific Information, Vol. 9 Issue 8, 2009. ISSN 1812-5654. pp 1441-1449. (Abstracting/Indexing: ISI Web of Knowledge, AGRICOLA, AGRIS, Chemical Abstract Services, EMBASE, Google Scholar, SCOPUS.)
87. "Desarrollo e Integración de un Modelo de Comportamiento Afectivo a un Sistema Tutor Inteligente", Yasmín Hernández, **L. Enrique Sucar**, Gustavo Arroyo-Figueroa, Revista Iberoamericana de Tecnologías del Aprendizaje, IEEE Vol. 4, No. 2, Mayo 2009. ISSN 1932-8540. pp. 161-169.
88. "Evolutionary Learning of Dynamic Naïve Bayesian Classifiers", M. A. Palacios-Alonso, C. Brizuela and **L. E. Sucar**, Journal of Automated Reasoning, Editor: Springer Netherlands. ISSN: 0168-7433. Vol. 43, April 2009. pags 17.