

**ARTÍCULOS ACEPTADOS CON ARBITRAJE****ASTROFÍSICA**

1. **Aretxaga I., Hughes D.H.,** Dunlop J.S., "Confirmation of the effectiveness of sub-mm source redshift estimation based on rest-frame radio-FIR photometry" MNRAS, 2004. (nota: este articulo ha cambiado de titulo, y es el mismo que el semestre pasado declare como enviado con el titulo "Breaking the redshift-deadlock III: revisiting radio-mm-FIR photometric redshifts")
2. **Carrasco, E.,** Avila, R., **Carramiñana, A.,** "High altitude wind velocity at Sierra Negra and San Pedro Martir Aceptado para su publicacion en PASP (Publications of the Astronomical Society of the Pacific). Noviembre 26, 2004.
3. **Chavushyan, V.H.,** Verkhodanov, O.V. , **Valdés, J. R., Mújica, R.,** Trushkin, S.A., "IRAS F02044+0957: an interacting system" Atsrophysics.
4. Chubko, L.S., Churymov, K.I., Lukyanyk, I. V., Kleshchonok, V.V., Berezhny, A.A., **Chavushyan, V.H.,** Sandoval,L., Palma, A., "Study of Spectra of Comet C/2002 V1(Neat) Advances in Space Research
5. **Lekht E.E.,** Munitsyn V.A., Tolmachev A.M. "Monitoring of the H₂O maser in W31(2) during 1981-2003", Astronomy Reports , 2004.
6. Pashchenko M.I., **Lekht E.E.** "Masers in direction cold cloud L379". Astronomy Reports, 2004.
7. **Lekht E.E.,** Munitsyn V.A., Tolmachev A.M. "Bursts H₂O maser in W31(2). AR, 2004.
8. Sudhanshu Barway, **Mayya, Y. D.,** Kembhavi, A. K and Pandey ,S. K., "Multicolor Surface Photometry of Lenticulars I. The Data", AJ, February (2005),
9. **Mayya, Y.D.,** Bizyaev, D., **Romano, R.** Garcia-Barreto J. A. & Vorobyov E. I., "Detection of non-thermal radio continuum spokes and study of star formation in the Cartwheel" ApJ Letters

10. **Mendoza-Torres, J.E., Torres-Papaqui, J.P.** and Wilhelm K, "Explosive events in the solar atmosphere seen in extreme-ultraviolet emission lines" A&A, 2004.
11. Zickgraf, F.-J, Krautter. J. , Reffert, S., Alcalá, J.M. , **Mujica, R.**, Covino, E. , Sterzik , M.F. "Identification of a complete sample of northern ROSAT All-Sky Survey X-ray sources" VIII. The late-type stellar component A&A.
12. Basilakos, S.; **Plionis, M.**; Georgakakis, A.; Georgantopoulos, I. "The XMM-Newton/2dF Survey - VI. Clustering and bias of the soft X-ray point sources", MNRAS, 557
13. **Plionis, M.**, Basilakos, S., Georgantopoulos, I., Georgakakis, A. "XMM-Newton Observations of Optically Selected SDSS Clusters" ApJ in press
14. Hernandez-Toledo H., Avila-Reese V., Conselice C.J., **Puerari I.** "The Structural Properties of Isolated Galaxies, Spiral-Spiral Pairs, and Mergers: The Robustness of Galaxy Morphology During Secular Evolution" A J
15. Esteban, C., Garcia-Rojas, J., Peimbert, M., Peimbert, A., Ruiz, M.-T., **Rodríguez, M.**, Carigi, L. "Carbon and Oxygen Galactic Gradients: Observational Values from H II Region Recombination Lines" ApJ Letters, en prensa
16. **Silantyev, N.A.** "Radiative transfer and Faraday effect in turbulent atmospheres", A&A, accepted 30.11.2004.
17. Gnedin, Yu. N. , **Silantyev, N.A.**, Piotrovich M.Yu, Pogodin, M.A. " Polarization effects of radiation from magnetized envelopes and extended accretion structures", AR, sera publicado en marzo 2005.
18. Melo, V., Muñoz-Tuñón, C., Maiz Apellániz, J & **Tenorio-Tagle, G.** "Young superstar clusters in the starburst of M82: The catalogue. ApJ 2005
19. **Tenorio-Tagle G., Silich, S.**, Rodríguez-González, A. & Muñoz-Tuñón, C. "On the extreme stationary outflows from super-star clusters: from superwinds to supernebulae and further massive star formation", 2005, ApJ

20. Denicolo, G., **Terlevich, R., Terlevich, E.**, Forbes, D., Terlevich, A., and **Carrasco, L.** "Group, field and isolated early type galaxies-I. Observations and nuclear data" MNRAS.
21. Denicolo, G., **Terlevich, R., Terlevich, E.**, Forbes, D., Terlevich, A. "Group, field and isolated early-type galaxies II. Global trends from nuclear data" MNRAS.
22. **Tovmassian, H.M.**, Tiersh, H., Tovmassian, G.H., **Chavushyan, V.H.**, Navarro, S.G., Neizvestny, S., **Torres-Papaqui, J.P.** " Photometric and spectroscopic study of the shakbazian compact galaxy groups SHCG 74, SHCG 188, SHCG 251, SHCG 348" RMAA
23. **Valdes, J.R.** Berta, SBressan, . A. Franceschini, A.. Rigopoulou, D Rodrighiero., G. NIR Spectroscopy of Luminous Infrared Galaxies and the Hydrogen Recombination Photon Deficit". A & A .

OPTICA

24. **V. Arrizón-Peña**, L. González, R. Ponce, A. Serrano-Heredia. "Computer-generated holograms with optimum bandwidth using twisted-nematic liquid-crystal displays". Appl. Opt., (2004).
25. **N. Korneev-Zabello**, J. Soto. "The nonlinear Faraday rotation-based dynamic holography in rubidium vapor". Opt. Comm. (2004).
26. O. Pottiez, **E. A. Kuzin**, B. Ibarra-Escamilla, F. Gutiérrez-Zainos, U. Ruiz-Corona, J. T. Camas-Anzueto. "High-order amplitude regularization of an optical pulse train using a power-symmetric NOLM with adjustable contrast". IEEE Photon. Technol. Lett., (2004).
27. C. Trono, **E. A. Kuzin**, B. Ibarra-Escamilla, R. A. Vázquez-Sánchez, G. C. Righini. "Fabrication of fiber Bragg gratings for a multipoint laser sensor". Atti Fondaz. Ronchi, (2004).
28. **A. Olivares-Pérez**, E. L. Ponce-Lee, B. Ruíz-Limón, I. Fuentes-Tapia. "Hydrophobic glucosa-fructose holograms". Opt. Mat., (2004).



29. **A. Olivares-Pérez**, J. C. Ibarra-Torres, M. Ortiz-Gutiérrez, M. Pérez-Cortéz, I. Fuentes-Tapia. "Rosin (Colophony) holograms sensitized with ammonium dichromate ®". Opt. Mat. (2004).
30. A. Pérez-González, C. Zuñiga, **F. Renero-Carrillo**, A. Torres-Jacome. "Optical properties of amorphous silicon germanium obtained by LF PECVD and from SiH₄+GeF₄ from SiH₄+GeH₄". Opt. Eng., (2004).
31. A. Pérez-González, C. Zuñiga, A. Torres-Jacome, **F. Renero-Carrillo**. "Boron doping effects in amorphous silicon Germanium films obtained by LF PECVD". Opt. Eng. (2004).
32. A. Zamudio-Lara, J. Escobedo-Alatorre, **J. Sánchez-Mondragón**, M. Tecpoyotl Torres. "A comparison between unidimensional, circular and spherical photonic crystal stacks". J. Opt. Mat., (2004).
33. J. Escobedo-Alatorre, **J. Sánchez-Mondragón**, M. Torres-Cisneros, R. Selvas-Aguilar, M. Basurto-Pensado. "A device approach to propagation in nonlinear photonic crystal". J. Opt. Mat., (2004)
34. J. C. Solorio-Leyva, J. G. Suárez-Romero, J. B. Hurtado-Ramos, J. G. Cortés-Reynoso, **E. Tepichín-Rodríguez**. "Corrections of size-of-source effect and distance effect in radiometric measurements of radiance". Appl. Opt. (2004).
35. E. Custodio, P. J. Sebastián, J. Campos A, **C. G. Treviño-Palacios**, E. Andrés Zárate, Q. A. Córdova, H. De La O-León. "Solar conduction heat transfer in fired clay bricks". Solar Energy Materials and Solar Cells, (2004).
36. E. Andrés-Zárate, E. Custodio G., P. J. Sebastián, **C. G. Treviño-Palacios**, R. Rodríguez-Vera, H. J. Puga-Soberanes. "Defect detection in metals using electronic speckle pattern interferometry". J. New Materials For Electrochemical Systems, (2004).
37. J. Sánchez-Escobar, **S. Vázquez-Montiel**. "Experimental interferogram analysis using an automatic polynomial fitting method based on evolutionary computation". Opt. Eng., (2004).



38. J. Salinas-Luna, E. Luna-Aguilar, **A. Cornejo-Rodríguez**. "Detección de pistón por polarimetría". Rev. Mex. Fís., (2004).
39. F. Gracia-Témich, **F. Granados-Agustín**, A. Cornejo-Rodríguez. "Apodization of the fan mirror support of a Newton telescope". Rev. Mex. Fís., (2004).
40. **A. Jaramillo-Núñez**. "Medición del ángulo de desviación de un pentaprisma usando un interferómetro de Sagnac". Rev. Mex. Fís., (2004).
41. A. Rojas-Hernández, **F. Renero-Carrillo**. "Diseño de sistemas ópticos afocales con microlentes de silicio". Rev. Mex. Fís., (2004).
42. E. Custodio-García, J. Campos-Alvares, E. J. Sebastián, E. Andrés-Zárate, L. I. Acosta-Pérez, **C. G. Treviño-Palacios**. "Desarrollo de un sistema de adquisición de datos para medir temperatura y caídas de voltaje en celdas solares". Univ. Ciencia, 20, 40, (2004),1-9.

ELECTRONICA

43. D. Berman, **M. Aceves**, L. R. Berriel. "Silicon excess and thermal annealing effects on the photoluminescence of SiO₂ and silicon rich oxide super enriched with silicon implantation." Physica Status Solid, 26 Mayo 2004.
44. **G. Jovanovic-Dolecek**, and S.K. Mitra : " A New Two-stage Sharpened Comb Decimator", Accepted for the journal *IEEE Transactions on Circuits and Systems, TCAS I*. 16 julio 2004
45. **Mónico Linares Aranda, Víctor Champac Vilela**, Fernando Mendoza Hernández. "Ruido de interconexiones en circuitos integrados CMOS submicrométricos", Revista Transactions IEEE LatinAmerica, Brasil Noviembre 2004
46. **O. Malik, V. Grimalsky, A. Torres-J**, and **J. De la Hidalga-W**, "Applications of Nanocrystalline Metal Oxide Films in Silicon Monocrystalline Light Emitting Diodes", Aceptado para su publicación en Phys. Stat. Sol. 6-9 December 2004 (Symposium) 6 Agosto 2004.



47. **R. Torres, R. Murphy**, "Enabling a Compact Model to Simulate the RF Behavior of MOSFETs in SPICE", aceptado para publicación en International Journal of Microwave and Computer Aided Engineering. John Wiley & Sons, número de referencia del manuscrito: B1752.ISSN:1096-4290, 31 Octubre 2004.
48. **Reydezel Torres-Torres**, "Comments on: Direct Extraction Technique for Small-Signal MOSFET Equivalent Circuit with Substrate Parameters" Aceptado para su publicación en: Microwave and Optical Technology Letters, John Wiley & Sons Número del 5 de Noviembre de 2004. ISSN: 0895-2477

CIENCIAS COMPUTACIONALES

49. Cesar Torres Huitzil and **Miguel Arias Estrada**. "FPGA-based Configurable Systolic Architecture for Real-time Window-based Image Processing", ACCEPTED for the EURASIP Journal on Applied Signal Processing, Special Issue on Machine Perception on a Chip., a publicarse en 2005. (fecha de Aceptación 13 de Julio 2004)
50. **René Cumplido**, Simon Jones, Roger Goodall y Stephen Bateman. "A High Performance Processor for embedded Real-Time Control", Por aparecer en IEEE Transactions on Control System Technology. (fecha de Aceptación 29 de Abril 2004)
51. Tamar Solorio, Manuel Pérez-Coutiño, **Manuel Montes-y-Gómez, Luis Villaseñor-Pineda, and Aurelio López López**. "Question Classification in Spanish and Portuguese". ACCEPTED for the 6th International Conference on Intelligent Text Processing and Computational Linguistics (CICLing-2005) to be held in Mexico City, Mexico, from 13 to 19 of February, 2005. This paper will be published in the Proceedings of the conference by Springer-Verlag in LNCS series. (fecha de Aceptación 5 de Noviembre 2004)
52. "A Machine Learning Approach to Information Extraction. Alberto Téllez-Valero, **Manuel Montes-y-Gómez, Luis Villaseñor-Pineda**. ACCEPTED for the 6th International Conference on Intelligent Text Processing and Computational Linguistics (CICLing-2005) to be held in Mexico City, Mexico, from 13 to 19 of February, 2005. This paper will be published in the Proceedings of the conference by Springer-Verlag in LNCS series. . (fecha de Aceptación 5 de Noviembre 2004)
53. Two Web-based approaches for Noun Sense Disambiguation. Paolo Rosso, **Manuel Montes-y-Gómez**, Davide Buscaldi, Aarón Pancardo-Rodríguez, and **Luis Villaseñor-Pineda**. ACCEPTED for the 6th International Conference on Intelligent Text Processing and Computational Linguistics (CICLing-2005) to be held in Mexico City, Mexico, from 13 to 19 of February, 2005. This paper will be published in the Proceedings of the conference by Springer-Verlag in LNCS series. (fecha de Aceptación 5 de Noviembre 2004)



54. A mapping between Classifiers and Training Conditions for WSD. Aarón Pancardo-Rodríguez, **Manuel Montes-y-Gómez**, **Luis Villaseñor-Pineda**, Paolo Rosso. ACCEPTED for the 6th International Conference on Intelligent Text Processing and Computational Linguistics (CICLing-2005) to be held in Mexico City, Mexico, from 13 to 19 of February, 2005. This paper will be published in the Proceedings of the conference by Springer-Verlag in LNCS series. (fecha de Aceptación 5 de Noviembre 2004)

55. Context Expansion with Global Keywords for a Conceptual Density-Based WSD. Davide Buscaldi, Paolo Rosso, and **Manuel Montes y Gómez**. ACCEPTED for the 6th International Conference on Intelligent Text Processing and Computational Linguistics (CICLing-2005) to be held in Mexico City, Mexico, from 13 to 19 of February, 2005. This paper will be published in the Proceedings of the conference by Springer-Verlag in LNCS series. (fecha de Aceptación 5 de Noviembre 2004)

56. Searching the Web for Word Sense Collocations. R. Guzmán-Cabrera, **M. Montes -y-Gómez**, P. Rosso. ACCEPTED for the International Conference Applied Computing IADIS 2005, to be held in Algarve, Portugal, February 2004. (fecha de Aceptación 13 de Diciembre 2004)

57. Toward Acoustic Models for Languages with Limited Linguistic Resources. **Luis Villaseñor-Pineda**, Viet Bac Le, **Manuel Montes-y-Gómez** & Manuel Pérez-Coutiño. ACCEPTED for the 6th International Conference on Intelligent Text Processing and Computational Linguistics (CICLing-2005) to be held in Mexico City, Mexico, from 13 to 19 of February, 2005. This paper will be published in the Proceedings of the conference by Springer-Verlag in LNCS series. (fecha de Aceptación 14 de Noviembre 2004).