

## ARTICULOS ARBITRADOS PUBLICADOS INTERNACIONALES Y NACIONALES

**ELECTRONICA**

**CON PARTICIPACION DE ALUMNOS**

**INTERNACIONAL**

1. **Dainet Berman-Mendoza**, **Mariano Aceves-Mijares**, Luis Raúl Berriel-Valdos, Jazmín Carranza, **Jorge Pedraza**, Carlos Domínguez-Horna, And Ciro Falcony. "Silicon-rich silicon oxide films boost UV sensitivity" Laser Focus World, pp 103-105 September (2005).
2. **A. Luna-Lopez**, **M. Aceves-Mijares**, **O. Malik**, and R. Glaenzer, "Low- and high-resistivity silicon substrate characterization using the Al/silicon-rich oxide/Si structure with comparizon to the metal oxide semiconductor technique", Journal of Vacuum Science & Technology, A: Vacuum, Surfaces and Films, May 2005, Volume 23, Issue 3, pp. 534-538. LA PARTICIPACIÓN DE LOS ESTUDIANTES: A. Luna-Lopez- estudiante Doctoral
3. **A. G. Rojas H.**, **F. Renero C.**, **W. Calleja**, R. Pérez, "Diseño de sistemas ópticos Afocales con microlentes de silicio", Rev. Mex. De Fís., 51(5) Pags. 530-534, 2005
4. **A. Jiménez-P**, **F.J. De la Hidalga-W**, and M.J. Deen, "Modelling of the Dynamic Threshold MOSFET", IEE Proceedings on Circuits, Devices and Systems, Vol. 152, No. 5 , p. 502-508, October 2005.
5. **C. Muñoz Montero** and **A. Díaz Sánchez**, "Offset Compensation in Current Mode Delay Lines," Cientitech Magazine, año 10, No. 24, Marzo del 2005, pp. 23-27, ISSN 1405-2601.
6. **P. Halevi** and **Adan S. Sanchez** "Spontaneous emission in a high-contrast one dimensional photonic crystal", Optics Comm. **251**,109-114(2005).

7. **Adan S. Sanchez** and **P.Halevi**, "Spontaneous emission in one-dimensional photonic crystals" *Phys.Rev.E* **72**,056609(2005) - 11 pp.
  
8. **E. Tlelo-Cuautle**, **D. Torres-Muñoz**, **L. Torres-Papaqui**, "On the computational synthesis of CMOS voltage followers", *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, vol. E88-A, no. 12, ISSN: **0916-8508**, December 2005. Indexada: INSTITUTE FOR SCIENTIFIC INFORMATION, SCIENCE CITACION INDEX.
  
9. **Sánchez-López C.**, **Tlelo-Cuautle E.**, **Díaz-Sánchez A.**, "Symbolic Noise Analysis For MOST Circuits Using Nullors", *International Journal on Computer Research*, 12(3), 2005. NOVA PUBLISHERS, USA.
  
10. **E. Tlelo-Cuautle**, **J. Aguila-Meza**, "Enhancing the symbolic analysis of analog circuits", *Journal of Applied Research and Technology*, vol. 3, no. 2, pp. 150-160, ISSN: 1665-6423, August 2005. INDEXADA EN: LATINDEX, UNAM.
  
11. **J. Plaza-Castillo**, **Tlelo-Cuautle E.**, **Torres-Jácome A.**, "Solution of the surface potential versus distance at various bulk potentials for silicon", *Modelling, Control and Application. An added volume of DCDIS Journal, Series B: Applications and Algorithms*, Watam Press, Waterloo, pp. 333-336, ISSN: **1492-8760**, July 2005. Indexada: INSTITUTE FOR SCIENTIFIC INFORMATION, SCIENCE CITACION INDEX-
  
12. **E. Tlelo-Cuautle**, **C. Sánchez-López**, **F. Sandoval-Ibarra**, "Computing symbolic expressions in analog circuits using nullors", *Revista Iberoamericana de Computación y Sistemas*, CIC-IPN, México, ISSN 1405-5546, 2006. Indexada: PADRÓN DEL CONACYT.
  
13. **Torres-Papaqui L.**, **Torres-Muñoz D.**, **Tlelo-Cuautle E.**, "Synthesis of VFs and CFs by manipulation of generic cells", *International Journal of Analog Integrated Circuits and Signal Processing*, vol. 46, no. 2, Kluwer Academic Publishers, ISSN: **0925-1030**, February 2006. Indexada: INSTITUTE FOR SCIENTIFIC INFORMATION, SCIENCE CITACION Leticia Torres-Papaqui se graduó Oct. 2004, Delia Torres-Muñoz: Tesista de Maestría.

14. **Arlene-M. Pérez-G**, Francisco-J. Renero-C., **Carlos Zuñiga-I.**, **Alfonso Torres-J.**, "Effects of Boron addition on a-Si<sub>90</sub>Ge<sub>10</sub>:H films obtained by low frequency plasma enhanced chemical vapour deposition", Journal of Physics: Condensed Matter, 17, 3975-3983, (2005).
  
15. **Arlene M. Pérez**, **Carlos Zúñiga**, Francisco J. Renero and **Alfonso Torres**, "Optical properties of amorphous silicon germanium obtained by low-frequency plasma-enhanced chemical vapor deposition from SiH<sub>4</sub> + GeF<sub>4</sub> and from SiH<sub>4</sub> + GeH<sub>4</sub>", Optical Engineering Vol. 44, No. 4, pp. 043801-1-5, April 2005. Estudiantes: Arlene M. Pérez, Carlos Zúñiga.
  
16. **Rosales-Quintero P.**, **A. Torres-Jacome**, **R. Murphy-Arteaga**, **F. J. De la Hidalga Wade**, L. F. Marsal, R. Cabré, and J. Pallarès, "Influence of the a-SiGe:H thickness on the conduction mechanisms of n-amorphous-SiGe:H/p-crystalline-Si heterojunction diodes", J. Appl. Phys. 97, Vol. 97, Issue 8, 15 April 2005.