

**ELECTRÓNICA  
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**CON PARTICIPACION DE ALUMNOS**

- 1 **J. A. Luna-López, M. Aceves-Mijares, O. Malik, Z. Yu.** “Compositional and Structural Characterization of Silicon Nanoparticles Embedded in Silicon Rich Oxide” *Revista Mexicana de física S*, 53 (7) 294-299 (2007).
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- 4 **Muñiz- Montero, A. Díaz Sánchez,** R. González-Carvajal and J.M. Rocha-Pérez, “New Strategies to Improve Offset and the Speed-Accuracy-Power Tradeoff in CMOS Amplifiers,” *Analog Integrated Circuits and Signal Processing: An International Journal*, Volume 53, Numbers 2-3, December 2007, pp. 81-95.
- 5 **P.Halevi,** Adán S.Sánchez, and **E. Galindo-Linares** “Tuning and switching of the spontaneous emission in one-dimensional photonic crystals *Optics Communications*”, 269, 351-355 (2007).
- 6 **E.Galindo-Linares, P.Halevi,** and Adán S.Sánchez “Tuning of one-dimensional Si/SiO<sub>2</sub> photonic crystals at the wavelength of 1.54  $\mu$ m *Solid State Communications*” 142,67-70(2007)
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- 8 **M. Moreno, A.Kosarev, A. Torres,** R.Ambrosio. “Fabrication and performance comparison of planar and sandwich structures of microbolometers with Ge thermo--sensing layer”. *Thin Solid Films*, 2007, v.515, p.7607-7610
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- 11 **M. Moreno, A. Kosarev, A. Torres**, "Fabrication and characterization of un-cooled micro-bolometers based on germanium films obtained low frequency plasma deposition", Revista Mexicana de Física, Vol. 53, No. 7, pp 327-**330**, **2007**.
- 12 Morales, C. Domínguez, J. Barreto, M. Riera **M. Aceves, J. A. Luna, Z. Yu, R. Kiebach**. "Spectroscopical Analysis of Luminescence Silicon Rich Oxide Films" Revista Mexicana de física S 53 (7) 279-282 (2007).
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