**PUBLICACIONES ARTICULOS REVISTAS ESPECIALIZADAS- CVLaC**

**2015**

**[1] Alexander Oliveros**, **Mario Andrés Acero Ortega**, "New holographic dark energy model with non-linear interaction" En: Países Bajos.  Astrophysics And Space Science ISSN: 1572-946X ed: v.357 fasc.1 p.12-1 - 12-7, 2015.

**[2] Zulia Isabel Caamaño-De Ávila**, María-Angélica Consuegra-Peña, María-Dolores Baróand Santiago Suriñach, “Synthesis and characterization of nanostructured materials based on Fe50Co50 and Fe75Co25” ISSN (Print) 0122-5383 *CT&F-Ciencia, Tecnología y Futuro*, vol. 6, no 2, p. 33-44. 2015.

**[3] Jairo Ricardo Cardenas Nieto**, R Ferreira, G Bastard, "Enhanced terahertz emission by Landau quantization in semiconductor Superlattices" En: Superlattices and Microstructures ISSN*:* 0749-6036 *ed:* Academic Press *v.*87 *fasc.*N/A p.97 - 102, 2015.

**[4]** Freddy Humberto Escobar Macualo, **Alfredo Ghisays Ruiz**, "CHARACTERIZATION OF THE SPHERICAL STABILIZATION FLOW REGIME BY TRANSIENT PRESSURE ANALYSIS" En: Estados Unidos. Journal of Engineering And Applied Sciences ISSN: 1819-6608 ed: v.10 fasc.14 p.5815 - 5822, 2015.

**[5]** Freddy Humberto Escobar Macualo, **Alfredo Ghisays Ruiz**, "TRANSIENT-RATE ANALYSIS FOR HYDRAULICALLY-FRACTURED HORIZONTAL WELLS IN NATURALLY-FRACTURED SHALE GAS RESERVOIRS" En: Estados Unidos. Journal of Engineering And Applied Sciences ISSN: 1819-6608 ed:  v.10 fasc.1 p.102 - 114, 2015.

**[6]** Uta Naether, **Cristian Camilo Mejia Cortes**, Rodrigo Vicencio, "Pseudo-two-dimensional random dimer lattices" En: Países Bajos.  Physics Letters A ISSN*:* 0375-9601 *ed:* North-Holland *v.*379 *fasc.*12-13 p.988 - 991, 2015.

**[7]** Rodrigo Vicencio, Camilo Cantillano, Luis Morales Inostroza, Bastian Real, **Cristian Camilo Mejia Cortes**, Steffen Weimann, Alexander Szameit, Mario Molina, "Observation of Localized States in Lieb Photonic Lattices” En: Estados Unidos.  Physical Review Letters *ISSN:* 0031-9007 ed*:* The American Physical Society *v.*114 *fasc.* p.245503-1 - 245503-5, 2015.

**[8] Cristian Camilo Mejia Cortes**, Mario Molina, "Interplay of disorder and PT symmetry in one-dimensional optical lattices" En: Estados Unidos.  Physical Review A *ISSN:* 1050-2947 *ed:* American Physical Society. *v.*91 *fasc.* P.033815-1 - 033815-8, 2015.

**[9] Ubaldo Enrique Molina Redondo**, "Invarianza de las ecuaciones de movimiento bajo transformaciones de escala espacio-temporales en la dinámica de Newton modificada (MOND)" En: México.  Revista Mexicana De Física  *ISSN:* 0035-001X  *ed:* Unam Universidad Nacional Autónoma De México  
*v.*61 *fasc.*1 p.25 - 31 ,2015.

**[10] Alexander Oliveros Garcia**, Enzo Leon Solis Gonzalez, Mario Andres Acero Ortega, "Late cosmic acceleration in a vector-Gauss Bonnet gravity model" En: Singapur. Modern Physics Letters A ISSN: 0217-7323 ed: World Scientific Publishing v.31 fasc.1 p.1 - 13, 2015.

**[11] Francisco Juan Racedo Niebles**, "Measurement of the Nonlinear Optical Properties of Olive Oil Using Z-Scan" En: España.  Óptica Pura Y Aplicada  *ISSN:* 0030-3917  *ed:* Escuela de Estudios Hispanoamericanos (CSIC), Universidad de Sevilla *v.*48 *fasc.*1 p.55 - 61 ,2015.

**[12]** Tony Thomas, **Nelson Guillermo Rangel Buitrago**, Michael Robert Phillips Phillips, Giorgio Anfuso Melfi, Allan Thomas Williams, "Mesoscale Morphological Change, Beach Rotation and Storm Climate Influences along a Macrotidal Embayed Beach" En: Suiza  Journal Of Marine Science And Technology *ISSN:* 1437-8213  *ed:* *v.*3 *fasc.*3 p.1006 - 1026 ,2015.

**[13] Nelson Guillermo Rangel Buitrago**, Giorgio Anfuso Melfi, Allan Thomas Williams, "Coastal erosion along the Caribbean coast of Colombia: magnitudes, causes and management" En: Países Bajos.  Ocean and Coastal Management *ISSN:* 0964-5691 *ed:* Elsevier Applied Science  
*v.*114 *fasc.* p.129 - 144, 2015.

**[14]** Giorgio Anfuso Melfi, **Nelson Guillermo Rangel Buitrago**, "Characterization of storm events along the Gulf of Cadiz (eastern central Atlantic Ocean)” En: Inglaterra.  International Journal of Climatology *ISSN:* 1097-0088 *ed:* *v.*36 *fasc.*N/A p.1 - 25, 2015.

**[15] Jose De Jesus Reslen Eugenio**, "Mode folding in systems with local interaction: unitary and non-unitary transformations using tensor states" En: Inglaterra Journal Of Physics A: Mathematical And Theoretical ISSN: 1751-8121 ed:  v.48 fasc.N/A p.175301 - 1753014, 2015.

**[16] Ricardo Vega Monroy**, "Frequency-driven quantum oscillations in a graphene layer under circularly polarized ac fields" En: Inglaterra.  Physics Letters A *ISSN:* 0375-9601 *ed:* North-Holland *v.*379 *fasc.* p. - , 2015.

**LIBROS PUBLICADOS**

**2015**

**[1] Nelson Guillermo Rangel Buitrago, Giorgio Anfuso Melfi**, "Risk assessment of Storms in Coastal Zones: Case Studies from Cartagena (Colombia) and Cadiz (Spain)." En: Estados Unidos 2015. ed: Springer-Verlag New York  *ISBN:* 978-3-319-13715-5  *v. págs.*

**CAPITULOS DE LIBROS PUBLICADOS- 2015**

**[1] Zulia Isabel Caamaño De Ávila**, Amilkar José Orozco Galán and Andrés Rosales-Rivera. Chapter 8, Magnetic Materials, Giant Magneto impedance Effect and AC Magnetic Susceptibility in Amorphous Alloys System of FeCoNbBSiCu.Edited by Khan Maaz, ISBN 978-953-51-2428-3, Print ISBN 978-953-51-2427-6, 276 pages, Publisher: In Tech, Chapters published August 24, 2016 under CC BY 3.0 license. DOI: 10.5772/61497, 2015.

**[2] Nelson Guillermo Rangel Buitrago**, Giorgio Anfuso Melfi, "Storm impacts in contrasting coastal environments in the Bay of Cádiz (SW Spain)" Ressacas do Mar/Temporais e gestao . En: Portugal *ISBN:* 978-85-7924-440-7- *ed:* Premius *, v.* , p.247 - 276, 2015.

**[3]** Giorgio Anfuso Melfi, **Nelson Guillermo Rangel Buitrago**, Ivan Dario Correa Arango, "Evolution of sand spits along the Caribbean coast of Colombia: natural and human influences" Sand and Gravel Spits. En: Estados Unidos  *ISBN:* 978-3-319-13715-5  *ed:* Springer-Verlag New York*, v.*, p.1 - 19, 2015

**[4]** Loic Menanteau, **Nelson Guillermo Rangel Buitrago**, Giorgio Anfuso Melfi, "Les tempêtes de lhiver 2009-2010 et leurs impacts sur le littoral du golfe de Cadix" Atlas Permanent de la Mer et du Littoral, 7 (Risques littoraux et maritimes). En: Francia *ISBN:* 978-2-9552583-0-9 *ed:* Geolittomer*, v.*, p.26 - 28, 2015