



**Artículos  
(Núcleo Académico Básico)**



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Institución(es) UNIVERSIDAD NACIONAL AUTONOMA DE  
sede(s): MEXICO  
Referencia: 000322  
Nombre del MAESTRIA EN INGENIERIA ELECTRICA.  
Programa: TELECOMUNICACIONES

**Resumen**

Año de publicación	Artículos			
	1) Revistas indizadas	2) Revistas arbitradas	3) Memorias de congreso	4) Publicados sin arbitraje
2012	2	0	0	0
2011	6	5	7	0
2010	7	2	15	2
2009	10	4	20	0
2008	8	3	25	1
2007	4	3	22	1

**Detalle**

Año de publicación	Tipo de artículo	Autor	Título del artículo	Revista de publicación	Autor Principal	Varios autores	Posición del autor	Lista de autores
2012	1) Revistas Indizadas	MARTINEZ LOPEZ,JOSE ISMAEL	(ARTICULO ACEPTADO) FREQUENCY SELECTIVE SURFACES BASED ON RING SLOTS LOADED WITH MONOLITHICALLY INTEGRATED CAPACITORS ISSN: 1751-8725	IET Microwaves, Antennas & Propagation		X	3	D.T. Mendoza-Rosales, A.E. Martynyuk, J.I. Martinez-Lopez and J. Rodriguez-Cuevas
			(ARTICULO ACEPTADO) RECONFIGURABLE REFLECTARRAYS BASED ON OPTIMIZED SPIRAPHASE-TYPE ELEMENTS ISSN: 0018-926X	IEEE Transaction on antennas and propagation		X	2	J. Rodriguez-Zamudio, J. I. Martinez-Lopez, J. Rodriguez-Cuevas and A. E. Martynyuk

**Total de 1) Revistas Indizadas en 2012 = 2**

**Total de artículos en 2012 = 2**

2011	1) Revistas Indizadas	GOMEZ CASTELLANOS,JAVIER	A MOBILITY-BASED UPPER BOUND ON ROUTE LENGTH IN MANETS	Telecommunications Systems Journal, Springer		X	2	Michael Pascoe, Javier Gomez, Victor Rangel and Miguel
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		MARTINEZ LOPEZ,JOSE ISMAEL	NONRECIPROCAL COUPLING NETWORK FOR BEAM STEERING COUPLED OSCILLATOR ARRAYS ISSN:1751-8725	IET Microwaves, Antennas & Propagation	X	1	Lopez Guerrero Martinez Lopez J.I. Moussounda R. Rojas R.
		MATIAS MARURI,JOSE MARIA	PLANNING FACTORS FOR DIGITAL LOCAL BROADCASTING IN THE 26 MHZ BAND	IEEE TRANSACTIONS ON BROADCASTING	X	5	Iván Peña, Thomas Lauterbach, Pablo Angueira, Amaia Arrinda, Jose María Matías, David de la Vega, Manuel M. Vélez, Claudio Re, and Friederike Maier
		RANGEL LICEA,VICTOR	A MOBILITY-BASED UPPER BOUND ON ROUTE LENGTH IN MANETS	Telecommunications Systems Journal	X	3	1.Michael Pascoe, Javier Gomez, Victor Rangel and Miguel Lopez Guerrero
			NARD: NEIGHBOR-ASSISTED ROUTE DISCOVERY IN MANETS	Wireless Networks	X	2	J. Gomez, V. Rangel · M. Lopez-Guerrero, M. Pascoe
		VICENTE VIVAS,ESAU	CONSIDERACIONES TÉCNICAS DE LOS ESTÁNDARES DE RADIODIFUSIÓN TERRESTRE DAB E IBOC	Revista Ingeniería, Investigación y Tecnología, ISSN 1405-7743, Facultad de Ingeniería, UNAM	X	3	Fatima Moumtadi, J.C. Delgado-Hernández y Esaú Vicente-Vivas,
<b>Total de 1) Revistas Indizadas en 2011 =</b>			6				
2011	2)	KHOTYAINTSEV DUSKRIATCHENKO,SERGIY NIKOLAIEVICH	MONITORING OF INTEGRITY OF CONCRETE ELEMENTS WITH ARRAYS OF OPTICAL FIBERS	Electronics and Communications	X	1	S. Khotiaintsev, A. Beltrán Hernández, J. U. Esparza Villa, R. Hernández Villeda
			OPTICAL INTENSITY-TYPE REFRACTOMETER FOR REMOTE MEASUREMENTS VIA FIBER-OPTIC CABLES (IN PRINT)	IEEE JOURNAL OF LIGHTWAVE TECHNOLOGY	X	1	S. Khotiaintsev, C. E. Garcia-Guerra, J. E. Morales-Farah, S. Perez-Garcia, L. E. Yam-Ontiveros
			THERMAL TRATMENT OF SILICA FIBERS WITH CO2-LASER RADIATION	Electronics and Communications	X	1	S. Khotiaintsev, A. N. Castro Martínez
		MARTYNYUK,OLEKSANDR	(ACEPTADO CON CAMBIOS MENORES) RECONFIGURABLE REFLECTARRAYS BASED ON OPTIMIZED	IEEE Transactions on Antennas And Propagation	X	4	J. Rodríguez Zamudio, J. Rodríguez Cuevas, J.I. Martínez-López,

			SPIRAPHASE-TYPE ELEMENTS				A.E. Martynyuk
			(ACEPTADO CON CAMBIOS MENORES) FREQUENCY SELECTIVE SURFACES BASED ON RING SLOTS LOADED WITH MONOLITHICALLY INTEGRATED CAPACITORS	IET Microwaves, Antennas and Propagation	X	2	D.T. Mendoza- Rosales, A.E. Martynyuk, J.I. Martinez-Lopez and J. Rodriguez- Cuevas
<b>Total de 2) Revistas Arbitradas en 2011 = 5</b>							
2011	3)	KHOTYAINITSEV Memorias de congresos	DESIGN AND OPTIMIZATION OF AN OPTICAL REFRACTOMETER FOR REMOTE MEASUREMENTS VIA FIBER-OPTIC CABLES	Proc. SPIE 7753, p. 77535U: 21st International Conference on Optical Fiber Sensors, Proceedings of	X	1	S. Khotiaintsev, C. E. Garcia- Guerra, J. E. Morales-Farah, S. Perez-Garcia, L. E. Yam-Ontiveros
			MONITORING OF INTEGRITY OF CONCRETE ELEMENTS WITH ARRAYS OF OPTICAL FIBERS	XXXI International Scientific Conference on Electronics and Nanotechnology, Proceedings of	X	1	S. Khotiaintsev, A. Beltran- Hernandez, J. U. Esparza- Villa, R. Hernandez- Villeda
			THERMAL TREATMENT OF SILICA OPTICAL FIBERS WITH CO2-LASER RADIATION	XXXI International Scientific Conference on Electronics and Nanotechnology, Proceedings of	X	1	31. S. Khotiaintsev, A. N. Castro- Martínez
		MARTYNYUK,OLEKSANDR	ON CROSS- POLARIZATION IN SPIRAPHASE-TYPE REFLECTARRAYS WITH ELEMENTS BASED ON RING SLOT WITH LOADED STUBS	European Conference on Antennas and Propagation (EuCAP-2011)	X	1	A.E. Martynyuk, J. Rodriguez- Zamudio, D. Fuentes Zuniga
		VICENTE VIVAS,ESAU	DESIGN AND IMPLIMENTATION OF A ROVER-BACK CANSAT	5th International Conference on Recent Advances in Space Technologies, RAST 2011, Istambul, Turkey, 9-11 June 2011	X	4	Mustafa E. Aydemir, Mansur Celebi, Serdar Ay, Esaú Vicente Vivas, Fredy Calle Bustanza y Dan Phan
			PROGRAMAS CANSAT Y SATEDU PARA MOTIVAR A LA JUVENTUD Y PARA INCREMENTAR LA CALIDAD DE RECURSOS HUMANOS EN EL SECTOR AEROESPACIAL	4º Foro de Consulta, Formación de Recursos Humanos, Organizado por la Junta de Gobierno de la Agencia Espacial Mexicana, Puerto Vallarta, Jalisco, Mé	X	1	Esaú Vicente Vivas
			SPILL-SATCON, SATELLITE CONSTELLATION MISSION IDEA TO	2nd Nano-Satellite Symposium, Takeda Frontier Science Hall, University of	X	1	Esaú Vicente Vivas, Adán Espinoza Millán,

DETECT OIL SPILLS IN OCEANS	Tokyo, Japan, Marzo 14-16, 2011	Alejandro Monsivais, Rodrigo Cordova Alarcón and Emilio Jiménez Madrigal
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**Total de 3) Memorias de congresos en 2011 = 7**

**Total de artículos en 2011 = 18**

2010	1)	GOMEZ CASTELLANOS, JAVIER	PCQOS: POWER CONTROLLED QOS TUNING FOR WIRELESS AD HOC NETWORKS	Telecommunications Systems Journal, Springer	X	1	Javier Gomez, Luis A. Mendez, Victor Rangel and Andrew T. Campbell
			"QOS MANAGEMENT FOR BROADBAND IEEE 802.16 BASED NETWORKS IN FDD MODE	To be published in Journal of Electronics and Electrical Engineering (Elektronika ir Elektrotechnika), Vol. 98, NO. 2, ISSN 1392-1215	X	4	V. Rangel, Y. Macedo, L. Ortiz, J. Gómez
		MARTINEZ LOPEZ, JOSE ISMAEL	ANALYSIS AND DESIGN OF E-PLANE SCANNING GRID ARRAYS ISSN: 0018-926X	IEEE Transactions on Antennas and Propagation	X	2	Iturri-Hinojosa A.; Martinez-Lopez J.I.; Martynyuk A.E.
		RANGEL LICEA, VICTOR	A NOVEL TOPOLOGICAL MULTICAST ROUTING ALGORITHM (TOMURO)	JOURNAL OF APPLIED RESEARCH AND TECHNOLOGY	X	3	Raúl Aquino-Santos, L. A. Villaseñor-González, Víctor Rangel-Licea, Apolinar González-Potes, Miguel A. García-Ruiz, Arthur Edwards-Block, Abdullah-Gani
			GUIDE-GRADIENT: A GUIDING ALGORITHM FOR MOBILE NODES IN WLAN AND AD-HOC NETWORKS	Wireless Personal Communications	X	4	Marco A. Gonzalez, Javier Gomez, Miguel Lopez-Guerrero, Victor Rangel, Martha M. Montes de Oca
			PCQOS: POWER CONTROLLED QOS TUNING FOR WIRELESS AD HOC NETWORKS	Telecommunications Systems Journal	X	3	Javier Gomez, Luis A. Mendez, Victor Rangel, Andrew T. Campbell
			QOS MANAGEMENT FOR BROADBAND IEEE 802.16 BASED NETWORKS IN FDD MODE	JOURNAL OF ELECTRONICS AND ELECTRICAL ENGINEERING	X	1	V. Rangel, Y. Macedo, L. Ortiz, J. Gómez, R. Aquino

**Total de 1) Revistas Indizadas en  
2010 = 7**

2010	2)	MARTYNYUK,OLEKSANDR	MATHEMATICAL MODELLING OF THE E-PLANE SCANNING GRIDS	IEEE Transactions on antennas and propagation	X	3	A. Iturri-Hinojosa, I Martínez-Lopez, A.E.Martynyuk
	Revistas Arbitradas		SPIRAPHASE-TYPE ELEMENT WITH OPTIMAL TRANSFORMATION OF SWITCH IMPEDANCES	IET Electronics Letters	X	1	A.E. Martynyuk, A.G. Martínez-López, Jorge Rodríguez-Rodríguez-Cuevas

**Total de 2) Revistas Arbitradas en  
2010 = 2**

2010	3)	GOMEZ CASTELLANOS,JAVIER	PERFORMANCE OPTIMIZATION OF THE INITIALIZATION PROCESS OF IEEE 802.16 MESH NETWORKS	EEE Canadian Conference on Electrical and Computer Engineering	X	3	Victor Rangel, Yasmine Macedo, Javier Gomez; Miguel Lopez-Guerrero ; Raul Santos, Arthur Edwards
	Memorias de congresos						
		KHOTYAINITSEV DUSKRIATCHENKO, SERGIY NIKOLAIEVICH	PLASTIC OPTICAL FIBER MULTIPOINT LIQUID-LEVEL SENSOR WITH SINGLE SEMI-CYLINDRICAL DETECTION ELEMENT	Proc. SPIE 7839, p. 78391P: 2nd Workshop on Specialty Optical Fibers	X	1	Khotiaintsev, S., Pérez-García, S., Beltrán-Hernández, A., Llanito-Caudillo, E.
		MARTINEZ LOPEZ,JOSE ISMAEL	NONRECIPROCAL COUPLING NETWORK FOR BEAM STEERING COUPLED OSCILLATOR ARRAYS E-ISBN: 978-1-4244-5128-9	2010 IEEE International Symposium on Phased Array Systems and Technology	X	1	Martinez-Lopez J.I. ; Moussounda; R. Rojas R.G.
		MARTYNYUK,OLEKSANDR	ENHANCEMENT OF H-PLANE SCANNING CHARACTERISTICS IN BEAM STEERING GRIDS (ARTICULO #5505333)	Memorias de EUCAP 2010	X	1	A.E. Martynyuk, A. Iturri-Hinojosa, N.A. Martynyuk
		RANGEL LICEA,VICTOR	PERFORMANCE OPTIMIZATION OF THE INITIALIZATION PROCESS OF IEEE 802.16 MESH NETWORKS	IEEE Canadian Conference on Electrical and Computer Engineering (IEEE CCECE)	X	1	Rangel, V.; Macedo, Y.; Gomez, J.; Lopez-Guerrero, M.; Aquino, R.; Edwards, A.;
		VICENTE VIVAS,ESAU	APROVECHAMIENTO DE LAS EXPERIENCIAS DE OTROS PAÍSES PARA LA CREACIÓN DE LAS POLÍTICAS ESPACIALES EN MÉXICO	2o Foro Relaciones Internacionales y Marco Legal, Agencia Espacial Mexicana, Pachuca, México, Noviembre 2010	X	2	Paloma M. Pedrajas y Hernández y Esaú Vicente Vivas
			DESARROLLO DE NUEVAS VERSIONES DE TRABAJO DEL SATÉLITE EDUCATIVO PARA ENTRENAR RECURSOS HUMANOS EN RECINTOS ACADÉMICOS	Congreso AEROESPACIO 2010, IPN, México, 18 de Marzo 2010	X	1	Esaú Vicente Vivas, E. Jiménez Madrigal, Dr. H. Rodríguez Cortés,, Dr. F. Moumtadi, I. Mendoza, P. Domínguez , M.A. Mendoza,

					D. Lueders, Paloma Pedrajas, M. Espinoza, A. Gómez, R. Alva, R. Córdova, Z. Carrizales, C. Álvarez,
DESARROLLO DE SISTEMAS DE COMUNICACIÓN PARA SATÉLITES PEQUEÑOS	3er Foro Investigación Científica y Tecnológica, Agencia Espacial Mexicana, Ensenada, BC, México, Diciembre 2010	X	2		Paloma M. Pedrajas y Hernández y Esaú Vicente Vivas
DEVELOPMENT AND PRELIMINARY RESULTS OF ONE-AXIS FPGA BASED ATTITUDE CONTROL SYSTEM	2010 International Conference on ReConfigurable Computing and FPGAs, Conference Proceedings by IEEE Computer Society's "Conference Publishing Services	X	3		M.A. Mendoza, J.R. Córdova , Esaú Vicente-Vivas, Hugo Rodríguez , Miguel Arias, E. Vizcaíno , E.A. Jiménez, A. Ramírez, J.F. Osorio
HUMSAT/MEXICO THE NANOSATELLITE FOR THE HUMANITARIAN INTERNATIONAL SATELLITE CONSTELLATION, WHICH EVOLVED FROM SATEDU THE MEXICAN DIDACTIC SATELLITE, AND POSSIBILITIES TO SHARE TECHNOLOGY WITH OTHER COUNTRIES	United Nations / Austria / European Space Agency Symposium on Small Satellite Programmes for Sustainable Development	X	1		Esaú Vicente Vivas, Sergio Camacho Lara, Fernando de la Peña L., Fernando Aguado Agelet, Hugo Rodríguez Cortés, Adán Espinoza Millán, Emilio A. Jiménez M., Dierk Lueders M., Miguel Arias-Estrada, C. Alvarez B., R. Córdova A., Paloma M. Pedrajas, Mario A. Mendoza B., R. Alva G., Omar S. Mendoza C. and Genaro Islas
INVESTIGACIÓN DE LA DISPERSIÓN DE SEÑALES SATELITALES POR ACTIVIDAD IONOSFÉRICA, APLICADA EN EL DESARROLLO DE NUEVAS TECNOLOGÍAS DE TRANSMISIÓN DE DATOS	3er Foro de Investigación Científica y Tecnológica, Agencia Espacial Mexicana, Ensenada, Baja California, México, Diciembre 14-16 de 2010	X	2		Adán Espinoza Millán y Esaú Vicente Vivas

OPORTUNIDADES DE DESARROLLO EN EL CAMPO SATELITAL Y AERONÁUTICO PARA LA AGENCIA ESPACIAL MEXICANA	Primer Congreso Internacional de Innovación Tecnológica y Negocios, ¿RETOOS 2010?, Acapulco Guerrero, Diciembre 2-4 de 2010	X	1	Esaú Vicente Vivas
SATEDU, THE CLASSROOM MEXICAN DIDACTIC SATELLITE THAT EASES THE ACCESS TO SPACE	VI Conferencia Espacial de las Américas, Pachuca, Hidalgo, México, 15-19 Noviembre 2010	X	1	Esaú Vicente Vivas
TECHNOLOGY TRANSFER FROM DIDACTIC SATELLITE SUBSYSTEMS TO SPACE VEHICLES FROM A SMALL SATELLITE CONSTELLATION FOR HUMANITARIAN APPLICATIONS	1st Nanosatellite Symposium, Takeda Frontier Science Hall, University of Tokyo, Japón, 10-11 Junio 2010	X	1	Esaú Vicente-Vivas, Fernando Aguado-Agelet, Jordi Puig-Suari, Sergio Camacho-Lara, Hugo Rodríguez, Fatima Moumtadi, E. Jiménez, M.A. Mendoza, M.P. Pedrajas, Adán Espinoza, R. Córdova, R. Alva and C. Álvarez-Bernal
TECNOLOGÍA SATELITAL MEXICANA	1er Foro Académico Interinstitucional, 100 Años de la Aviación en México, Panel de Desarrollo Aeroespacial en México y Tecnología Satelital Mexicana,	X	1	Esaú Vicente Vivas

**Total de 3) Memorias de congresos en 2010 = 15**

2010	4) Publicado sin Arbitraje	MOUMTADI,FATIMA	CONSIDERACIONES TÉCNICAS DE LOS ESTÁNDARES DE RADIODIFUSIÓN TERRESTRE DAB E IBO	Revista de Facultad de Ingeniería	X	1	¿ F. Moumtadi, J. C. Delgado Hernández, E. V. Vivas
			DEFINICIÓN DEL NIVEL DE INTERFERENCIAS EN LA TRANSMISIÓN DE SEÑALES DIGITALES DE RADIODIFUSIÓN EN MODO HÍBRIDO	Revista de Facultad de Ingeniería	X	1	F. Moumtadi, C. Delgado, J. Rodríguez, E. Vivas

**Total de 4) Publicado sin Arbitraje en 2010 = 2**

**Total de artículos en 2010 = 26**

2009	1) Revistas Indizadas	GOMEZ CASTELLANOS,JAVIER	GUIDE-GRADIENT: A GUIDING ALGORITHM FOR MOBILE NODES IN WLAN AND AD HOC NETWORKS	Wireless Personal Communications	X	2	Marco Gonzalez, Javier Gomez, Victor Rangel, Miguel Lopez
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		ROUTE DURATION MODELING FOR MOBILE AD HOC NETWORKS	Wireless Networks Journal / Springer	X	2	Guerrero, Martha Montes de Oca Michael Pascoe, Javier Gomez, Miguel Lopez-Guerrero, Victor Rangel
GUTIERREZ CASTREJON, RAMON		GAIN-CONTROLLED SEMICONDUCTOR OPTICAL PREAMPLIFIER FOR THE 100 GBIT/S 40KM ETHERNET RECEIVER	OSA APPLIED OPTICS	X	1	R. Gutiérrez-Castrejon, V. Dolores-Calzadilla, M. Duelk
		SOA NONLINEARITIES IN 4 × 25 GB/S WDM PRE-AMPLIFIED SYSTEM FOR 100-GB/S ETHERNET	OPTICAL AND QUANTUM ELECTRONICS-SPRINGER	X	1	R. Gutiérrez-Castrejón, L. Schares, M. Duelk
		TURBO-SWITCHED MACH-ZEHNDER INTERFEROMETER PERFORMANCE AS ALL-OPTICAL SIGNAL PROCESSING ELEMENT AT 160 GB/S	OPTICS COMMUNICATIONS (ELSEVIER)	X	1	R. Gutiérrez-Castrejon
MARTINEZ LOPEZ, JOSE ISMAEL		ANALYSIS OF A SPIRAPHASE-TYPE REFLECTARRAY: COMPARISON BETWEEN FINITE AND INFINITE MODELS ISSN: 0272-6343	Electromagnetics	X	2	J. Rodriguez-Zamudio, J. I. Martinez-Lopez, J. Rodriguez-Cuevas, A. E. Martynyuk
MATIAS MARURI, JOSE MARIA		GENERALIZATION OF LEE METHOD FOR THE ANALYSIS OF THE SIGNAL VARIABILITY	IEEE Transactions on Vehicular Technology	X	3	D. de la Vega, S. López, J.M. Matías, U. Gil, I. Peña, M.M. Vélez, J.L. Ordiales, P. Angueira
RANGEL LICEA, VICTOR		HYBRID ROUTING ALGORITHM FOR EMERGENCY AND RURAL WIRELESS NETWORKS	JOURNAL OF ELECTRONICS AND ELECTRICAL ENGINEERING	X	5	R. A. Santos, A. González-Potes, M. A. García-Ruiz, A. Edwards-Block, V. Rangel-Licea, L. A. Villaseñor-González
		ROUTE DURATION MODELING FOR MOBILE AD-HOC NETWORKS	Wireless Networks	X	3	Michael Pascoe, Javier Gomez, Victor Rangel, Miguel Lopez-GUERRERO
VICENTE VIVAS, ESAU		SUCCESSFUL DEVELOPMENT OF PORTABLE DIDACTIC SATELLITE FOR TRAINING AND RESEARCH IN SATELLITE TECHNOLOGY	Research On Computer Science, Advances in Computer Science and Engineering	X	1	Esaú Vicente-Vivas, C. Álvarez Bernal, E.A. Jiménez, Z. Carrizales, C.A. Sánchez, J.R. Córdova, R. Alva, M.A. García and G. Islas



**Total de 1) Revistas Indizadas en 2009 = 10**

2009	2)	KHOTYAINITSEV Revistas Arbitradas	DUSKRIATCHENKO, SERGIY NIKOLAIIEVICH	FIBER-OPTIC LIQUID INTERFACE SENSOR FOR LIQUID HYDROGEN	SENSORS AND MATERIALS	X	1	Serguei Khotiaintsev, Volodymyr Svyryd, Heidy Beatriz Mejía del Puerto
			MARTYNYUK, OLEKSANDR	ANALYSIS OF A SPIRAPHASE-TYPE REFLECTARRAY: COMPARISON BETWEEN FINITE AND INFINITE MODELS	Electromagnetics	X	4	J. Rodriguez- Zamudio, J.I. Martinez-Lopez, J. Rodriguez- Cuevas, A.E. Martynyuk
			MOUMTADI, FATIMA	DEVELOPMENT OF SIMULATION SOFTWARE OF RECEPTION PATTERNS FOR MOBILE DRM SIGNAL OVER THE 26 MHZ BAND	Revista latinoamericana de tecnologías de la información	X	1	Fatima Moumtadi y Julio Carlos Delgado Hernández
			RANGEL LICEA, VICTOR	WIRELESS PROPAGATION CHARACTERISTICS FOR VEHICULAR AD-HOC NETWORKS IN MOTORWAY ENVIRONMENTS	INGENIERIA, INVESTIGACIÓN Y TECNOLOGIA	X	2	R. A. Santos, V. Rangel Licea, L. Villaseñor, A. Edwards

**Total de 2) Revistas Arbitradas en 2009 = 4**

2009	3)	GOMEZ Memorias de congresos	CASTELLANOS, JAVIER	A MOBILITY-BASED CHANNEL MODEL FOR WIRELESS SYSTEMS WITH ADAPTIVE MODULATION	IEEE Canadian Conference on Electrical and Computer Engineering	X	2	Miguel Lopez- Guerrero, Javier Gomez
				PERFORMANCE ANALYSIS OF BEST EFFORT SUPPORT IN BROADBAND IEEE 802.16 NETWORKS	IEEE Canadian Conference on Electrical and Computer Engineering	X	2	Victor Rangel, Javier Gomez, Miguel Lopez- Guerrero, Raul Santos
				PERFORMANCE ANALYSIS OF BEST EFFORT SUPPORT IN BROADBAND IEEE 802.16 NETWORKS	IEEE Canadian Conference on Electrical and Computer Engineering	X	2	V. Rangel, J. Gomez, J. Chapa, M. Lopez- Guerrero, Raul Aquino
			GUTIERREZ CASTREJON, RAMON	DESIGN AND FEASIBILITY ANALYSIS OF THE PHYSICAL LAYER FOR THE ACADEMIC WDM RING OF MEXICO CITY	Sixth International Conference on Electrical Engineering, Computing Science and Automatic Control (CCE 2009)	X	4	G. Nava-Heredia, S. M. Castro- Resines, A. Fernández- Alcántara, R. Gutiérrez- Castrejón
				DISEÑO DE LAS RUTAS QUE CONFORMAN LA TOPOLOGÍA FÍSICA DE LA DELTA METROPOLITANA DE LA CIUDAD DE MÉXICO	Memoria Técnica de VII Congreso Internacional sobre Innovación y Desarrollo Tecnológico (CIINDET 2009)	X	2	Sergio Castro Resines, Ramón Gutiérrez- Castrejón

	IMPACT OF CHANNEL-SPACING ON THE 100 GB/S 40-KM ETHERNET PMD	IEEE Latin-American Conference on Communications (LatinCom2009)	X	1	R. Gutiérrez-Castrejón
	SISTEMA DE MONITOREO DE PARÁMETROS ELÉCTRICOS PARA CUANTIFICAR PÉRDIDAS ELÉCTRICAS NO TÉCNICAS UTILIZANDO UNA RED PLC	Memoria Técnica de la XXII Reunión de Verano de Potencia, Aplicaciones Industriales y Exposición Industrial IEEE RVP-AI/2009	X	5	Eric Rodríguez Juárez, Edgar Copado Méndez, Enrique Velasco Ramírez, César Angeles-Camacho, Ramón Gutiérrez-Castrejón
KHOTYAIINTSEV DUSKRIATCHENKO, SERGIY NIKOLAIEVICH	DESIGN OF GAIN EQUALIZERS FOR EDFAS BY THE SYNTHESIS OF A LONG-PERIOD FIBRE GRATING	Semana Nacional de Investigación en Electrónica SENIE 2009	X	3	Ignacio Flores Llamas, Voldomyr Svyryd, Sergei Khotiantsev
	DISCRETE POF LIQUID-LEVEL SENSOR FOR MEASURING THE LEVEL OF GASOLINE AND DETECTING WATER IN AUTOMOBILE TANKS	The 18th International Conference on Plastic Optical Fibers (ICPOF-2009)	X	1	S. Khotiaintsev, E. Llanito-Caudillo, S. Perez-García, J. E. Morales-Farah
	OPTICAL-FIBER REFRACTOMETRIC SENSOR WITH SEMI-CYLINDRICAL OPTICAL DETECTION ELEMENT FOR MEASURING THE LEVEL OF GASOLINE	The Electronics, Robotics and Automotive Mechanics Conference (CERMA-2009) IEEE	X	1	S. Khotiaintsev, E. Llanito-Caudillo, S. Perez-García, J. Morales-Farah
MARTYNYUK, OLEKSANDR	REFLECTARRAY BASED ON THREE-BIT SPATIAL PHASE SHIFTERS: MATHEMATICAL MODEL AND TECHNOLOGY OF FABRICATION (INVITED)	Third European Conference on Antennas and Propagation (EuCAP-2009)	X	1	A.E. Martynyuk, J. Rodriguez Zamudio, N.A. Martynyuk
RANGEL LICEA, VICTOR	PERFORMANCE ANALYSIS OF BEST EFFORT SUPPORT IN BROADBAND IEEE 802.16 NETWORKS	Proceedings of the IEEE Int. Canadian Conference on Electrical and Computer Engineering, (IEEE CCECE)	X	1	Rangel V., Gomez J., Chapa J., Lopez-Guerrero M., Aquino R.
VICENTE VIVAS, ESAU	EXPERIMENTO POR REALIZAR EN TRANSBORDADORES DE LA NASA O EN LA EEI CON SATÉLITE DIDÁCTICO UNIVERSITARIO	1er Taller de Investigación y Desarrollo Espacial 2009	X	1	Esaú Vicente Vivas, E. Jiménez, G. Islas, R. Córdova, Z. Carrizales y R. Alva
	PRELIMINARY SPECIFICATIONS AND OPERATIONS OF A NETWORKING MODEL FOR A VIRTUAL RADIO	International Congress on Engineering Education, Embracing New	X	2	Fatima Moumtadi, Esau Vicente Vivas, Isabel Reza Meneses,

FREQUENCY LABORATORY	Challenges in Engineering Education, ICEED 09, Kuala Lumpur, Malaysia, 7th-8th December			Julio Carlos Delgado Hernandez
PROPUESTA PARA DESARROLLAR EL PRIMER PROYECTO NANOSATELITAL NACIONAL ENFOCADO HACIA LA CREACIÓN DEL CENTRO DE DESARROLLO SATELITAL DE LA AGENCIA ESPACIAL MEXICANA	1er Taller de Investigación y Desarrollo Espacial 2009, Torre de Ingeniería, UNAM	X	1	Esau Vicente-Vivas, Sergio Camacho-Lara, Fernando de la Peña Liaca, Fernando Aguado-Agelet, Jordi Puig-Suari, C. Álvarez-Bernal, M.A. Mendoza-Bárceñas, R. Córdoba-Alarcón, E. Jiménez-Madrigal, R. Alva-Gallegos, Z. Carrizales Muñoz, C. Sánchez-Sandoval, M.A. García-Illéscas y G. Islas-López
SATEDU, INEXPENSIVE DIDACTIC SATELLITE FOR HUMAN RESOURCES TRAINING IN SATELLITE TECHNOLOGY AND ITS TECHNOLOGY TRANSFER FOR A NANOSATELLITE TO BE LAUNCHED INTO SPACE	6TH International Aerospace Congress IAC 09, Moscow, Russia, August 18-23, 2009.	X	1	Esau Vicente-Vivas, E. Jiménez, Z. Carrizales, R. Alva, R. Córdoba and C. Álvarez-Bernal,
SATEDU, SATELITE EDUCATIVO UNIVERSITARIO PARA ENTRENAMIENTO DE RECURSOS HUMANOS EN TECNOLOGÍA SATELITAL	1er Taller de Investigación y Desarrollo Espacial 2009, Torre de Ingeniería, UNAM	X	1	Esau Vicente-Vivas, E. Jiménez M, Z. Carrizales M, R. Córdoba A., R. Alva G., C. Sánchez, G. Islas y M. García I
SATEDU THE DIDACTIC SATELLITE, FROM ON-THE JOB CLASSROOM TRAINING TO SPACE EXPERIMENTATION	International Congress on Engineering Education, Embracing New Challenges in Engineering Education, ICEED 09, Kuala Lumpur, Malaysia, 7th-8th December	X	1	Esau Vicente-Vivas, Fatima Moumtadi, C. Alvarez-Bernal and J.C. Delgado
SATEDU, UNIVERSITY DIDACTIC SATELLITE FOR HANDS-ON TRAINNING AND EASY	United Nations/ Austria/ ESA Symposium on Small Satellite	X	1	Esau Vicente Vivas

ACCESS TO LOW COST SMALL SATELLITE MISSIONS	Programmes for Sustainable Development, Graz, Austria, 9 Septiembre 2009.				
SUCCESSFUL DEVELOPMENT OF A PORTABLE DIDACTIC SATELLITE FOR TRAINING AND RESEARCH IN SATELLITE TECHNOLOGY	CORE-2009, 10th Computing Congress, CIC-IPN	X	1	Esau Vicente- Vivas, C. Alvarez B., E.A. Jiménez, Z.L. Carizalez, R. C.A. Sánchez, Córdova, R. Alba, M. A. García and G. Islas	

**Total de 3) Memorias de congresos  
en 2009 = 20**

**Total de artículos en 2009 = 34**

2008	1) Revistas Indizadas	GUTIERREZ CASTREJON, RAMON	4X25-GB/S 40-KM PHY AT 1310 NM FOR 100 GBE USING SOA-BASED PREAMPLIFIER	IEEE/OSA JOURNAL OF LIGHTWAVE TECHNOLOGY	X	2	M. Duell, R. Gutiérrez- Castrejón
		KHOTYAINSEV DUSKRIATCHENKO, SERGIY NIKOLAIEVICH	DESIGN OF LONG-PERIOD FIBER GRATING REFRACTOMETRIC SENSORS WITH LINEAR RESPONSE BY A GENETIC ALGORITHM	IEEE SENSORS JOURNAL	X	3	I. FLORES LLAMAS, V. SVYRYD, S. KHOTIAINTSEV
		MARTINEZ LOPEZ, JOSE ISMAEL	X- BAND CIRCULAR WAVEGUIDE SWITCH WITH POLARISATION DIVERSITY	Electronics Letters	X	3	A.G. Martínez López, J. Rodriguez Cuevas, J.I. Martínez Lopez y A.E. Martynyuk
		MATIAS MARURI, JOSE MARIA	DIGITAL RADIO MONDIALE (DRM) MEASUREMENT SYSTEM DESIGN AND MEASUREMENT METHODOLOGY FOR FIXED AND MOBILE RECEPTION	IEEE Transactions on Instrumentation and Measurement	X	3	G. Prieto, D. Guerra, J. M. Matías, M. M. Vélez and A. Arrinda
		RANGEL LICEA, VICTOR	ANALYSIS OF TOPOLOGICAL AND GEOGRAPHICAL MULTICAST ROUTING ALGORITHMS ON WIRELESS AD HOC NETWORKS	JOURNAL OF ELECTRONICS AND ELECTRICAL ENGINEERING	X	5	R.A. Santos, A. González, L. Villaseñor, M.García-Ruiz, V. Rangel
			DISEÑO DE PROCEDIMIENTOS HANDOFF EN REDES INALÁMBRICAS DE BANDA ANCHA BASADO EN EL PROTOCOLO IEEE 802.16.	INGENIERIA, INVESTIGACIÓN Y TECNOLOGIA	X	1	V. Rangel Licea, J. E. Cota Guajardo J. Gómez Castellanos J. Reyes García

INTER-VEHICULAR COMMUNICATIONS USING WIRELESS AD HOC NETWORKS	INGENIERIA, INVESTIGACIÓN Y TECNOLOGIA	X	2	R. A. Santos V. Rangel Licea A. Edwards
WIRELESS COMMUNICATION PROTOCOL BASED ON EDF FOR WIRELESS BODY SENSOR NETWORKS	JOURNAL OF APPLIED RESEARCH AND TECHNOLOGY	X	3	Raúl Aquino-Santos, Apolinar González Potes, Víctor Rangel-Licea, Miguel A. García-Ruiz, L. A. Villaseñor-González, Arthur Edwards-Block

**Total de 1) Revistas Indizadas en 2008 = 8**

2008	2)	GOMEZ CASTELLANOS, JAVIER	DISEÑO DE PROCEDIMIENTOS HANDOFF EN REDES INALÁMBRICAS DE BANDA ANCHA BASADO EN EL PROTOCOLO IEEE 802.16	Revista Ingeniería, Investigación y Tecnología	X	3	V. Rangel Licea, J. E. Cota Guajardo, J. Gómez Castellanos y J. Reyes García
		MARTYNYUK, OLEKSANDR	X-BAND CIRCULAR WAVEGUIDE SWITCH WITH POLARISATION DIVERSITY	Electronics Letters	X	4	A.G. Martinez-Lopez, J. Rodríguez-Cuevas, J.I. Martinez-Lopez, A.E. Martynyuk
		MOUMTADI, FATIMA	REDUCCIÓN DEL RETARDO EN EL CAMBIO DE CANAL EN SERVICIOS IPTV	Ingeniería, Investigación y Tecnología. (México)	X	1	F. Moumtadi, M. Escobar-Argota, R. López-Moreno y S. Landeros-Ayala

**Total de 2) Revistas Arbitradas en 2008 = 3**

2008	3)	GOMEZ CASTELLANOS, JAVIER	AN UPPER BOUND ON NETWORK SIZE IN MOBILE AD-HOC NETWORKS	IEEE Global Communications Conference	X	2	Michael Pascoe, Javier Gomez, Victor Rangel and Miguel Lopez-Guerrero
			GUIDE: GUIDING USERS IN DISTRIBUTED ENVIRONMENTS FOR WLAN AND AD HOC NETWORKS	Networking and Electronic Commerce Research Conference	X	2	Marco Gonzalez, Javier Gomez, Miguel Lopez-Guerrero, Jose E. Torres-Fernandez and Victor Rangel
			PCQOS: POWER CONTROLLED QOS IN WIRELESS AD HOC NETWORKS	International Wireless Communications and Mobile Computing Conference	X	1	Javier Gomez, Luis A. Mendez, Victor Rangel and Andrew T. Campbell
			PERFORMANCE EVALUATION OF FIVE NEW ADAPTIVE CONTENTION SLOT	IEEE International Conference on Wireless and Mobile Computing	X	3	Victor Rangel, Miguel Lopez-Guerrero, Javier Gomez

	ALLOCATORS FOR IEEE 802.16 BASED SYSTEMS	Networking and Communications			and Raul Santos
GUTIERREZ CASTREJON, RAMON	ELECTRONIC VERSUS OPTICAL MITIGATION OF NONLINEARITIES IN 4X25 GB/S WDM SYSTEM FOR 100 GB ETHERNET.	Proc. of the IEEE/Lasers and Electro-Optic Society Summer Topical Meeting	X	1	R. Gutiérrez-Castrejón, M. Duelk
	IMPACT OF THE SEMICONDUCTOR OPTICAL PRE-AMPLIFIER IN THE PERFORMANCE OF THE 100 GBE 4X25-GB/S 40-KM PHY UNDER DIFFERENT TRANSMITTER CONDITIONS.	Proc. of the Asia Opto-Electronics Conference (AOE2008)	X	1	R. Gutiérrez-Castrejón, M. Duelk
	SUPERVISIÓN DE PÉRDIDAS ELÉCTRICAS NO TÉCNICAS EN UN LABORATORIO UTILIZANDO PLC	Memoria Técnica de la XXI Reunión de Verano de Potencia, Aplicaciones Industriales y Exposición Industrial IEEE RVP-AI/2008	X	2	T. Enrique Velasco Ramírez, Ramón Gutiérrez-Castrejón, César Angeles-Camacho
MARTINEZ LOPEZ, JOSE ISMAEL	MATHEMATICAL MODEL FOR SPIRAPHASE-TYPE INFINITE REFLECTIVE ARRAY BASED ON RING SLOT RESONATORS WITH PIN DIODE SWITCHES ISBN: 978-1-4244-2284-5	12th international Conference on Mathematical Methods in Electromagnetic Theory. MMET2008	X	4	Martynyuk, A.E., Rodríguez Cuevas J., Aroche O.R. Martínez-López J.I
MARTYNYUK, OLEKSANDR	ARREGLOS REFLECTIVOS DEL TIPO SPIRAPHASE CON ELEMENTOS MEMS	Memorias de XXX Congreso Internacional de Ingeniería Electrónica ELECTRO-2008, ISSN 1405-2172	X	3	O. Romero Aroche, J. Rodríguez Cuevas, O. Martynyuk
	INTERRUPTOR MEMS MAGNETOSTÁTICO PARA LA BANDA DE 26 A 37 GHZ	Memorias de XXX Congreso Internacional de Ingeniería Electrónica ELECTRO-2008, ISSN 1405-2172	X	2	J. Rodríguez Cuevas, O. Martynyuk, L. Cancino Alatorre, E. Noriega Sacristán
	MATHEMATICAL MODEL FOR SPIRAPHASE-TYPE INFINITE REFLECTIVE ARRAY BASED ON SLOT RING RESONATORS WITH P-I-N DIODE SWITCHES	Conference Proceedings Mathematical Methods in Electromagnetic Theory, MMET-08	X	1	.E. Martynyuk, J. Rodriguez-Cuevas, O. Romero Aroche, J.I. Martinez-Lopez
	SUPERFICIES SELECTIVAS DE FRECUENCIA BASADAS EN VARACTORES MEMS	Memorias de XXX Congreso Internacional de Ingeniería Electrónica ELECTRO-2008, ISSN 1405-2172	X	3	J.I. Martínez López José Ismael, O. Martynyuk, R. Martínez López

MATIAS MARURI,JOSE MARIA	EMPIRICAL ANALYSIS OF THE SAMPLE CORRELATION FOR THE PLANNING OF FIELD TRIALS IN THE DIGITAL BROADCASTING SERVICES AT MF BAND	Instrumentation and Measurement Technology Conference Proceedings, 2008. IMTC 2008. IEEE	X	4	D. de la Vega, S. López, U. Gil, J. M. Matías, P. Angueira, M. M. Vélez. J. L. Ordiales
PSENICKA,BOHUMIL	ON THE DESIGN OF STATE-SPACE FILTERS	ISSPIT2008	X	2	F. García Ugalde and B. Psenicka
	SYNTHESIS OF THE LOW-PASS AND HIGH-PASS WAVE DIGITAL FILTER.	ICINCI2008	X	1	B. Psenicka, F. García Ugalde and A. Romero Mier y Teran
RANGEL LICEA,VICTOR	AN UPPER BOUND ON NETWORK SIZE IN MOBILE AD-HOC NETWORKS	Proceedings of the IEEE Int. Conference On Global Communications (IEEE GLOBECOM)	X	3	M. Pascoe, J. Gomez, V. Rangel, M. Lopez-Guerrero,
	COMPARATIVE ANALYSIS OF WIRELESS BROADBAND MESH AND MULTI-HOP NETWORKS	Proceedings of the Electronics, Robotics and Automotive Mechanics Conference (CERMA)	X	2	R. Aquino-Santos, V. Rangel-Licea, A. González-Potes, L. A. Villaseñor-González, M. García-Ruiz, A. Edwards-Block, S. Sandoval-Carrillo
	GUIDE: GUIDING USERS IN DISTRIBUTED ENVIRONMENTS FOR WLAN AND AD HOC NETWORKS	Networking and Electronic Commerce Research Conference, NAEC	X	5	Marco Gonzalez, Javier Gomez, Miguel Lopez-Guerrero, Jose E. Torres-Fernandez, Victor Rangel,
	HYBRID WIFI-WIMAX NETWORK ROUTING PROTOCOL	Proceedings of the Electronics, Robotics and Automotive Mechanics Conference (CERMA)	X	3	Susana Rivera Ibáñez, Raúl Aquino Santos, Victor Rangel Licea, Arthur Edwards Block, Miguel Ángel García Ruiz
	MAC LAYER MECHANISM FOR WIRELESS WIMAX NETWORKS WITH MESH TOPOLOGY	Proceedings of the Electronics, Robotics and Automotive Mechanics Conference (CERMA)	X	3	Eduardo Flores Flores, Raul Aquino Santos, Victor Rangel Licea, Miguel A. Garcia-Ruiz, Arthur Edwards Block
	PCQOS: POWER CONTROLLED QOS IN WIRELESS AD HOC NETWORKS	Proceedings of the International Wireless Communications and Mobile Computing Conference	X	3	Javer Gómez, Luis Mendez, Victor Rangel, Andrew T. Campell

			PERFORMANCE EVALUATION OF FIVE NEW ADAPTIVE CONTENTION SLOT ALLOCATORS FOR IEEE 802.16 BASED SYSTEMS	Proceedings of the IEEE Int. Conference on Wireless and Mobile Computing, Networking and Communications (IEEE WiMob)	X	1	V. Rangel, M. Perez, J. Gomez, M. Lopez-Guerrero, R. Aquino
	VICENTE VIVAS,ESAU		NONLINEAR ATTITUDE CONTROL FOR A SATELLITE	Congreso Nacional de la Asociación de México de Control Automático, AMCA 2008	X	2	J.R. Córdova Alarcón, E. Vicente Vivas, H. Rodríguez Cortés
			SUCCESSFUL RESULTS ON THE DEVELOPMENT OF A COST-EFFECTIVE SYSTEM FOR RESEARCH AND TRAINING IN SMALL SATELLITE TECHNOLOGY	XVII Congreso Internacional en Computación, CIC-2008, IPN	X	1	Esaú Vicente-Vivas, Hugo Rodríguez, E. A. Jiménez, Z. Carrizales , C.A. Sánchez, J.R. Córdova, R. Alva and M.A. García
			TWO INTELLIGENT MICROCONTROLLER BASED INEXPENSIVE WIRELESS CARDS IN THE 2.4 GHZ BAND FOR A SATELLITE PROTOTYPE	XVII Congreso Internacional en Computación, CIC-2008, IPN	X	1	Esaú Vicente-Vivas, E. A. Jiménez, Z. Carrizales , C.A. Sánchez, J.R. Córdova and R. Alva
<b>Total de 3) Memorias de congresos en 2008 =</b>			<b>25</b>				
2008	4) Publicado sin Arbitraje	KHOTYAINTEV DUSKRIATCHENKO,SERGIY NIKOLAIEVICH	FIBER-OPTIC LEVEL INDICATOR FOR LIQUID HYDROGEN	Proc. of SPIE	X	2	S. Khotiaintsev, V. Svyryd
<b>Total de 4) Publicado sin Arbitraje en 2008 =</b>			<b>1</b>				
<b>Total de artículos en 2008 =</b>			<b>37</b>				
2007	1) Revistas Indizadas	GUTIERREZ CASTREJON, RAMON	A VERSATILE MODULAR COMPUTATIONAL TOOL FOR COMPLEX OPTOELECTRONIC INTEGRATED CIRCUITS SIMULATION	OPTICAL AND QUANTUM ELECTRONICS-SPRINGER	X	1	R. Gutiérrez-Castrejón, M. Duell, P. Bernasconi
		MATIAS MARURI,JOSE MARIA	DRM (DIGITAL RADIO MONDIALE) LOCAL COVERAGE TESTS USING THE 26 MHZ BROADCASTING BAND	IEEE Transactions on Broadcasting	X	1	Matias, J. M.; Corderi, I. L.; Angueira, P.; Gil, U.; Ordiales, J. L.; Arrinda, A.
		VICENTE VIVAS,ESAU	ATTITUDE SUBSYSTEM DEVELOPMENT FOR AN EDUCATIVE SATELLITE BASED ON REACTION/MOMENTUM WHEEL AND MAGNETIC TORQUING COILS	Research On Computer Science, Special Issue: Industrial Informatics, ISSN: 1870-4069, Indexed in LATINDEX.	X	1	Esaú Vicente Vivas, E.A. Jiménez Madrigal, Rodrigo Alva and Rodrigo Córdova



FLIGHT COMPUTER FOR A HUMAN RESOURCES TRAINING SYSTEM IN SMALL SATELLITE TECHNOLOGY	Research On Computer Science, Special Issue: Industrial Informatics, ISSN: 1870-4069, Indexed in LATINDEX.	X	1	Esaú Vicente Vivas, E.A. Jiménez Madrigal, F.J. Gómez Islas, Z.L. Carrizales Muñoz
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**Total de 1) Revistas Indizadas en  
2007 = 4**

2007	2)	GOMEZ Revistas Arbitradas	USING VARIABLE-RANGE TRANSMISSION POWER CONTROL IN WIRELESS AD HOC NETWORKS	IEEE Transactions in Mobile Computing	X	1	Javier Gomez and Andrew T. Campbell
		PSENICKA,BOHUMIL	ANALYSIS AND SYNTHESIS OF DIGITAL STRUCTURE BY MATRIX METHOD	Springer Dordrecht Netherlands	X	1	B. Psenicka, R. Bustamante Bello and M.A. Rodríguez
			PRACTICAL DESIGN OF DIGITAL FILTER USING THE PASCAL MATRIX	Ingeniería Investigación y Tecnología	X	1	B. Psenicka, F.García-Ugalde and V.F. Ruiz

**Total de 2) Revistas Arbitradas en  
2007 = 3**

2007	3)	GOMEZ Memorias de congresos	MODELLING ROUTE DURATION IN MOBILE AD-HOC NETWORKS	IEEE Mobile Ad hoc and Sensor Systems International Conference	X	2	M. PASCOE, J. GOMEZ, V. RANGEL AND M. LOPEZ- GUERRERO
			NARD: NEIGHBOR- ASSISTED ROUTE DISCOVERY IN WIRELES	IEEE International Conference on Mobile Ad-hoc and Sensor Systems	X	1	J. GOMEZ, J. M. CERVANTES, V. RANGEL, R. ATAHUALPA and MIGUEL LOPEZ- GUERRERO
			ROUTE DURATION IN MOBILE AD HOC NETWORKS	IEEE Canadian Conference on Electrical and computer communications	X	2	Micahel Pascoe, Javier Gomez, Victor Rangel and Miguel Lopez-Guerrero
		GUTIERREZ CASTREJON, RAMON	160 GB/S XOR GATE USING BULK SOA TURBO-SWITCHED MACH-ZEHNDER INTERFEROMETER	Proc. of the Fourth International Conference on Electrical and Electronics Engineering (ICEEE 2007)	X	1	R. Gutierrez- Castrejon
		KHOTYAINTEV DUSKRIATCHENKO, SERGIY NIKOLAIEVICH	ACCESSING REFRACTIVE INDEX OF ABSORPTIVE LIQUID MEDIA WITH OPTICAL FIBER EVANESCENT-FIELD SENSOR	PROCEEDINGS SPIE, v. 6619, Artículo 1B	X	1	S. KHOTIAINTSEV, V. SVYRYD, J. E. MORALES FARAH, C. E. GARCÍA GUERRA, L. E. YAM ONTIVEROS
			DESIGN OF LONG-PERIOD FIBER GRATINGS BY A GENETIC ALGORITHM	PROCEEDINGS SPIE, v. 6619, Artículo 32	X	3	I. FLORES LLAMAS, V. SVYRYD, S. KHOTIAINTSEV

	NUMERICAL MODELING OF POLYMER OPTICAL FIBER REFRACTOMETRIC SENSORS WITH HEMISPHERICAL DETECTION ELEMENTS	PROCEEDINGS OF THE 16th INTERNATIONAL CONFERENCE ON PLASTIC OPTICAL FIBERS		X	1	S: KHOTIAINTSEV, J. ARRUE, V. SVRYRD, J. ZUBIA
	SENSORES REFRACTOMÉTRICOS DE FIBRAS ÓPTICAS CON SUPERFICIE DE TRABJO DE SEGUNDO ÓRDEN	5a REUNIÓN ESPAÑOLA EN OPTOELECTRÓNICA - LIBRO DE ACTAS		X	1	S. KHOTIAINTSEV, V. SVRYRD, M. MARTÍN ORTIZ, K. KHOTIAINTSEV, C. GARCÍA GUERRA, J. MORALES -FARAH, L. YAM ONTIVEROS
	SÍNTESIS DE REJILLAS DE PERÍODO LARGO NO UNIFORMES POR MEDIO DE UN ALGORITMO GENÉTICO	5a REUNIÓN ESPAÑOLA EN OPTOELECTRÓNICA , LIBRO DE ACTAS		X	3	I. FLORES LLAMAS, V. SVRYRD, S. KHOTIAINTSEV
	TEACHING TELECOMMUNICATIONS ENGINEERING MORE EFFECTIVELY BY INTEGRTING THEORY WITH HANDS-ON DESIGN PROJECT	6th GLOBAL COLLOQUIUM ON ENGINEERING EDUCATION, AMERICAN SOCIETY FOR ENGINEERING EDUCATION, Artículo GC 2007-126		X	1	S. KHOTIAINTSEV, V. SVRYRD, S. CASTAÑEDA, R. ÁLVARES, P. MARTÍNEZ
MARTYNYUK,OLEKSANDR	BEAM STEERING GRIDS WITH SCANNING IN TWO PLANES	2nd European conference on antennas and Propagation, ISSN 0537-9989	X	X	1	A.E. Martynyuk, A. Iturri Hinojosa, N.A. Martynyuk
	INTERRUPTOR MEMS PARA LA BANDA X UTILIZANDO TECNOLOGÍA DE CIRCUITO IMPRESO FLEXIBLE	Memorias de XXIX Congreso Internacional de Ingeniería Electrónica ELECTRO-2007, ISSN 1405-2172		X	2	J. Rodríguez- Cuevas, A. Martynyuk, D. T. Mendoza Rosalez
	POLARIZATION PHASE SHIFTERS AND SPIRAPHASE-TYPE PHASED ARRAYS	The Sixth International Kharkov Symposium o Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Techno	X		1	A. E. Martynyuk, J. Rodriguez Zamudio
	SUPERFICIES SELECTIVAS DE FRECUENCIA RECONFIGURABLES BASADAS EN INTERRUPTORES MEMS	Memorias de XXIX Congreso Internacional de Ingeniería Electrónica ELECTRO-2007,		X	3	R. Martínez- López, J.I. Martínez-López, A. Martynyuk

		ISSN 1405-2172			
RANGEL LICEA,VICTOR	MODELING THE DURATION OF ROUTES IN MOBILE ADHOC NETWORKS	Proceedings of the fourth IEEE International Conference on Mobile Ad-hoc and Sensor Systems, IEEE MASS	X	3	Michael Pascoe, Javier Gomez, Victor Rangel, Miguel Lopez-GUERRERO,
	MODELING THE DURATION OF ROUTES IN MULTIHOP MOBILE ADHOC NETWORKS	Proc. of the IEEE Canadian Conference on Electrical and Computer Engineering (IEEE CCECE)	X	3	MICHAEL PASCOE JAVIER GOMEZ VICTOR RANGEL MIGUEL LOPEZ-GUERRERO
	NARD: NEIGHBOR-ASSISTED ROUTE DISCOVERY IN WIRELESS AD HOC NETWORKS	Proceedings of the IEEE Int. Conference on Mobile Ad-hoc and Sensor Systems, IEEE MASS	X	3	Dr. Javier Gómez Castellanos, Juan Manuel Cervantes, , Dr. Víctor Rangel Licea, R. Atahualpa; M. Lopez-Guerrero
	PERFORMANCE ANALYSIS OF QOS SCHEDULING IN BROADBAND IEEE 802.16 BASED NETWORKS	OPNETWORK Technology Conference	X	1	Victor Rangel Javier Gómez Javier Ortiz
	POWER CONTROLLED QOS IN WIRELESS AD HOC NETWORKS	Networking 2007	X	3	Dr. Javier Gómez Castellanos, Luis Alonso Méndez, Dr. Víctor Rangel Licea y Andrew T. Campell
VICENTE VIVAS,ESAU	ATTITUDE SUBSYSTEM DEVELOPMENT FOR AN EDUCATIVE SATELLITE BASED ON REACTION/MOMENTUM WHEEL AND MAGNETIC TORQUING COILS	CICINDIN 2007, First Internacional Conference on Industrial Informatics, México City	X	1	Esau Vicente Vivas, E.A. Jiménez Madrigal, R. Alva y R. Córdova
	FLIGHT COMPUTER FOR A HUMAN RESOURCES TRAINING SYSTEM IN SMALL SATELLITE TECHNOLOGY	CICINDIN 2007, First Internacional Conference on Industrial Informatics, México City	X	1	Esau Vicente Vivas, E.A. Jiménez Madrigal, F.J. Gómez Islas, Z.L. Carrizales Muñoz
	MICROWAVE-BASED DETECTION, QUANTIFICATION AND NON-DESTRUCTIVE EVALUATION OF MATERIALS AND COMPOUNDS	Proceedings of The 6th WSEAS International Conference on Circuits, Systems, Electronics, Control & Signal Processing (CSECS'07), Cairo, Egypt, Dec.	X	2	Gerardo Calva O., Esau Vicente V., Rafael Prieto M. and Mario Pacchiano

**Total de 3) Memorias de congresos  
en 2007 = 22**

2007	4)	GUTIERREZ Publicado CASTREJON, RAMON sin Arbitraje	Sistemas de Telecomunicaciones basados en el uso de fibras ópticas	El Instituto de Ingeniería a sus 50 Años	X	1	R. Gutiérrez- Castrejón
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**Total de 4) Publicado sin Arbitraje  
en 2007 = 1****Total de artículos en 2007 = 30****Total de artículos de 2007 a 2012 = 147**