



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



MARCOS ROSENBAUM PITLUCK

Datos Generales

Nombre: MARCOS ROSENBAUM PITLUCK

Máximo nivel de estudios: POSDOCTORADO

Antigüedad académica en la UNAM: 53 años

Nombramientos

Vigente: INVESTIGADOR EMERITO TC Definitivo
Instituto de Ciencias Nucleares
Desde 16-05-2016

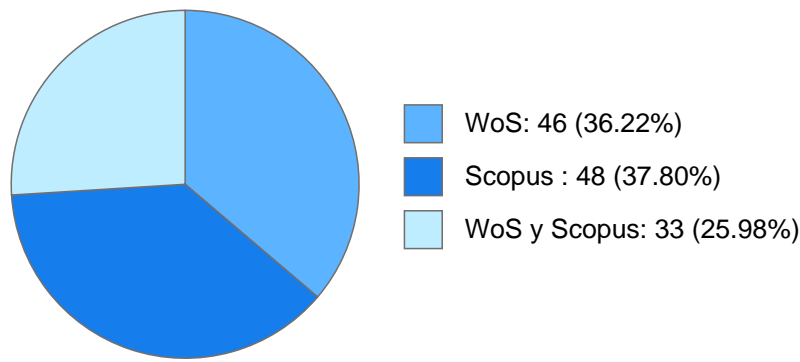
Estímulos, programas, premios y reconocimientos

SNI Emérito 2010 - 2024
SNI III - 2009
PRIDE D - 2012

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Noncommutative Riemannian geometry from quantum spacetime generated by twisted Poincaré group	CESAR ALBERTO AGUILLON BARRERA MARCOS ROSENBAUM PITLUCK JOSE DAVID VERGARA OLIVER et al.	JOURNAL OF MATHEMATICAL PHYSICS	2017
2	Twisted C*-algebra formulation of quantum cosmology with application to the Bianchi I model	MARCOS ROSENBAUM PITLUCK JOSE DAVID VERGARA OLIVER Roman Juarez et al.	PHYSICAL REVIEW D	2014
3	Effective action for noncommutative Bianchi I model	MARCOS ROSENBAUM PITLUCK JOSE DAVID VERGARA OLIVER ANTONMARIA GEROLAMO ENRICO MINZONI ALESSIO	AIP Conference Proceedings	2013
4	Noncommutativity and Parametrization of Fields: The Scalar Electrodynamics Case	L. Roman Juarez MARCOS ROSENBAUM PITLUCK JOSE DAVID VERGARA OLIVER	Advances In Applied Clifford Algebras	2010
5	Lattice vortices induced by noncommutativity	ANTONMARIA GEROLAMO ENRICO MINZONI ALESSIO L. R. Juarez MARCOS ROSENBAUM PITLUCK	PHYSICS LETTERS A	2009
6	Space-Time Diffeomorphisms in Noncommutative Gauge Theories	MARCOS ROSENBAUM PITLUCK JOSE DAVID VERGARA OLIVER L. Roman Juarez	SYMMETRY INTEGRABILITY AND GEOMETRY-MET HODS AND APPLICATIONS	2008

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7	Noncommutative field theory from quantum mechanical space-space noncommutativity	MARCOS ROSENBAUM PITLUCK JOSE DAVID VERGARA OLIVER Juárez L.R.	PHYSICS LETTERS A	2007
8	Canonical quantization, spacetime noncommutativity and deformed symmetries in field theory	MARCOS ROSENBAUM PITLUCK JOSE DAVID VERGARA OLIVER Juárez L.R.	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2007
9	Dynamical origin of the {star operator}?-noncommutativity in field theory from quantum mechanics	MARCOS ROSENBAUM PITLUCK JOSE DAVID VERGARA OLIVER Juárez L.R.	PHYSICS LETTERS A	2006
10	The *-value equation and Wigner distributions in noncommutative Heisenberg algebras	MARCOS ROSENBAUM PITLUCK JOSE DAVID VERGARA OLIVER	GENERAL RELATIVITY AND GRAVITATION	2006
11	The Hopf algebra of renormalization, normal coordinates and Kontsevich deformation quantization	MARCOS ROSENBAUM PITLUCK JOSE DAVID VERGARA OLIVER	J PHYS A-MATH GEN	2004
12	Hopf algebra primitives in perturbation quantum field theory	MARCOS ROSENBAUM PITLUCK JOSE DAVID VERGARA OLIVER HERNANDO QUEVEDO CUBILLOS	JOURNAL OF GEOMETRY AND PHYSICS	2004
13	Normal coordinates and primitive elements in the hopf algebra of renormalization	CHRYSSOMALIS CHRYSSOMALAKOS HERNANDO QUEVEDO CUBILLOS MARCOS ROSENBAUM PITLUCK et al.	COMMUNICATIONS IN MATHEMATICAL PHYSICS	2002
14	Quantum collapse of a small dust shell	ALEJANDRO CORICHI RODRIGUEZ GIL GUSTAVO CRUZ PACHECO PABLO PADILLA LONGORIA et al.	PHYSICAL REVIEW D	2002
15	Small-scale structure of space-time and Dirac operator	MARCOS ROSENBAUM PITLUCK	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2001
16	Involutive braided Spin (4 - h, h) groups	MARCOS ROSENBAUM PITLUCK JOSE DAVID VERGARA OLIVER Criscuolo A.	JOURNAL OF GEOMETRY AND PHYSICS	1998
17	Solvability of the G2 integrable system	MARCOS ROSENBAUM PITLUCK	International Journal Of Modern Physics A	1998
18	Quantum spinors and spin groups from quantum Clifford algebras	MARCOS ROSENBAUM PITLUCK JOSE DAVID VERGARA OLIVER Criscuolo A. et al.	J PHYS A-MATH GEN	1997

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19	Stability of Gaussian approximations in minisuperspace: A variational approach	ANTONMARIA GEROLAMO ENRICO MINZONI ALESSIO MARCOS ROSENBAUM PITLUCK MP Ryan	PHYSICAL REVIEW D	1997
20	Quasi-exactly-solvable many-body problems	MARCOS ROSENBAUM PITLUCK ALEXANDER TURBINER ROSENBAUM Minzoni A.	MODERN PHYSICS LETTERS A	1996
21	Quantum Clifford algebras from spinor representations	RAYMUNDO BAUTISTA RAMOS MARCOS ROSENBAUM PITLUCK JOSE DAVID VERGARA OLIVER et al.	JOURNAL OF MATHEMATICAL PHYSICS	1996
22	On the structure of Yang-Mills fields in compactified Minkowski space	ANTONMARIA GEROLAMO ENRICO MINZONI ALESSIO JESUS RUPERTO MUCIÑO RAYMUNDO MARCOS ROSENBAUM PITLUCK	JOURNAL OF MATHEMATICAL PHYSICS	1994
23	Nonlinear model of a quantum minisuperspace system with back reaction	MARCOS ROSENBAUM PITLUCK Ryan M.P. Sinha S.	PHYSICAL REVIEW D	1993
24	SU(2)-multi-instantons over S ² ×S ²	RAYMUNDO BAUTISTA RAMOS JESUS RUPERTO MUCIÑO RAYMUNDO MARCOS ROSENBAUM PITLUCK	LETTERS IN MATHEMATICAL PHYSICS	1992
25	Spontaneous compactification and coupling constants in a geometric model for SU(2)×U(1) with gravity	EDUARDO NAHMAD ACHAR MARCOS ROSENBAUM PITLUCK RAYMUNDO BAUTISTA RAMOS et al.	PHYSICAL REVIEW D	1990
26	Geometric model for gravitational and electroweak interactions	MARCOS ROSENBAUM PITLUCK JUAN CARLOS D'OLIVO SAEZ EDUARDO NAHMAD ACHAR et al.	JOURNAL OF MATHEMATICAL PHYSICS	1989
27	Spontaneous compactification and coupling constants in R ² unified gauge theories	MARCOS ROSENBAUM PITLUCK Ryan M.	PHYSICAL REVIEW D	1988
28	Kasner-type cosmological solutions in N=1 supergravity	MARCOS ROSENBAUM PITLUCK LUIS FERNANDO URRUTIA RIOS Ryan M.	CLASSICAL AND QUANTUM GRAVITY	1987
29	Graded spinors as an underlying geometry for extended supersymmetries	MARCOS ROSENBAUM PITLUCK Luehr C.P.	JOURNAL OF MATHEMATICAL PHYSICS	1987
30	Singularities in Kaluza-Klein-Friedmann cosmological models	MARCOS ROSENBAUM PITLUCK LUIS FERNANDO URRUTIA RIOS Ryan M. et al.	PHYSICAL REVIEW D	1987
31	Colliding plane waves in N=1 classical supergravity	MARCOS ROSENBAUM PITLUCK LUIS FERNANDO URRUTIA RIOS Ryan M. et al.	PHYSICAL REVIEW D	1986
32	Supertwistor realization of SU(2,2/1)	MARCOS ROSENBAUM PITLUCK Luehr C.P.	JOURNAL OF MATHEMATICAL PHYSICS	1985

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33	Supertwistor fiber bundles as a formalism for supergravities	MARCOS ROSENBAUM PITLUCK Luehr C.P.	JOURNAL OF MATHEMATICAL PHYSICS	1985
34	Dynamical torsion in a gravitational theory coupled to first-order twist-tensor matter fields	MARCOS ROSENBAUM PITLUCK LUIS FERNANDO URRUTIA RIOS Ryan Jr. M.P. et al.	PHYSICAL REVIEW D	1982
35	Gravitational/electromagnetic conversion scattering on fixed charges in the Born approximation	MARCOS ROSENBAUM PITLUCK Breuer R.A. Ryan Jr. M.P. et al.	PHYSICAL REVIEW D	1981
36	Initial data and wave propagation in one-dimensional inhomogeneous cosmologies	MARCOS ROSENBAUM PITLUCK Matzner R.A. Ryan Jr. M.P.	JOURNAL OF MATHEMATICAL PHYSICS	1981
37	Propagating torsion and gravitation	MARCOS ROSENBAUM PITLUCK Hojman S. Ryan M.P.	PHYSICAL REVIEW D	1979
38	Gauge invariance, minimal coupling, and torsion	MARCOS ROSENBAUM PITLUCK Hojman S. Ryan M.P. et al.	PHYSICAL REVIEW D	1978
39	Space-time homogeneous models with torsion	MARCOS ROSENBAUM PITLUCK Ryan Jr. M.P. Shepley L.C.	JOURNAL OF MATHEMATICAL PHYSICS	1978
40	Nonstandard vector connections given by nonstandard spinor connections	MARCOS ROSENBAUM PITLUCK Luehr C.P. Ryan Jr. M.P. et al.	JOURNAL OF MATHEMATICAL PHYSICS	1976
41	Spinor connections in general relativity	MARCOS ROSENBAUM PITLUCK Luehr C.P.	JOURNAL OF MATHEMATICAL PHYSICS	1973
42	Simplified intrinsic proof of the Rainich differential relation	MARCOS ROSENBAUM PITLUCK Luehr C.P.	JOURNAL OF MATHEMATICAL PHYSICS	1971
43	Intrinsic derivation of the Already Unified Field Theory of Maxwell, Einstein, and Rainich	MARCOS ROSENBAUM PITLUCK Luehr C.P.	ANNALS OF PHYSICS	1970
44	Intrinsic spinor techniques with applications to the Lorentz group and the Dirac equation	MARCOS ROSENBAUM PITLUCK Luehr C.P.	JOURNAL OF MATHEMATICAL PHYSICS	1968
45	Intrinsic Vector and Tensor techniques in Minkowski space with applications to special relativity	MARCOS ROSENBAUM PITLUCK Luehr C.P.	JOURNAL OF MATHEMATICAL PHYSICS	1968
46	Wigner method in quantum statistical mechanics	MARCOS ROSENBAUM PITLUCK Imre K. Özizmir E. et al.	JOURNAL OF MATHEMATICAL PHYSICS	1967
47	Quasiclassical theory of neutron scattering	MARCOS ROSENBAUM PITLUCK Zweifel P.F.	Physical Review	1965



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48	Quasi-classical treatment of neutron scattering	MARCOS ROSENBAUM PITLUCK Aamodt R. Case K.M. et al.	Physical Review 1962
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PARTICIPACIÓN EN TESIS

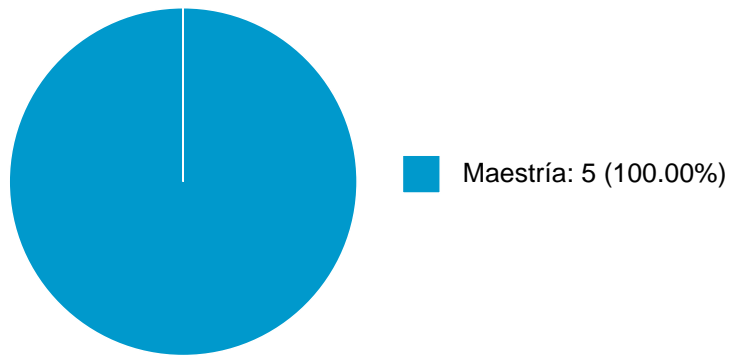
No se encuentran registros en la base de datos de TESIUNAM asociados a:

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TEMAS SELECTOS-394348	Instituto de Ciencias Nucleares	1	2017-1
2	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Ciencias Nucleares	1	2015-1
3	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Nucleares	1	2014-2
4	Maestría	MECANICA CUANTICA I	Instituto de Ciencias Nucleares	5	2012-1
5	Maestría	TEMAS SELECTOS	Instituto de Ciencias Nucleares	1	2010-1



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PATENTES

No se encuentran registros en la base de datos de patentes asociados a:

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FUENTES DE INFORMACIÓN

Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2025
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2025
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2024
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

Externos

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2025
9	Documentos Indexados	Thomson Reuters	WoS	2008-2025
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2025
11	Patentes	IMPI	SIGA	2008-2024