



HERNANDO QUEVEDO CUBILLOS

Datos Generales

Nombre: HERNANDO QUEVEDO CUBILLOS

Máximo nivel de estudios: POSDOCTORADO

Antigüedad académica en la UNAM: 32 años

Nombramientos

Vigente: INVESTIGADOR TITULAR C TC Definitivo
Instituto de Ciencias Nucleares
Desde 01-01-2008 (fecha inicial de registros en el SIIA)

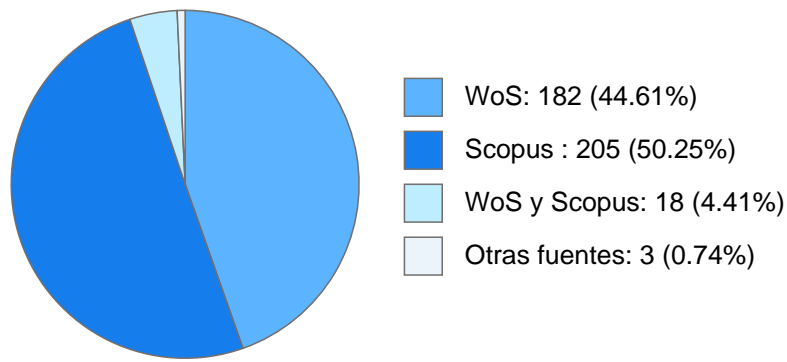
Estímulos, programas, premios y reconocimientos

SNI Emérito 2024
SNI III - 2023
PRIDE D - 2024
PASPA Estancias Sabáticas 2012 - 2013
PASPA Estancias Sabáticas 2008 - 2009

HERNANDO QUEVEDO CUBILLOS

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Accretion disk in the Hartle-Thorne spacetime	HERNANDO QUEVEDO CUBILLOS Boshkayev K. Konysbayev T. et al.	EUROPEAN PHYSICAL JOURNAL PLUS	2024
2	Numerical analyses of M31 dark matter profiles	HERNANDO QUEVEDO CUBILLOS Kuantay Boshkayev Talgar Konysbayev et al.	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2024
3	Anisotropic generalized polytropic spheres: Regular 3D black holes	HERNANDO QUEVEDO CUBILLOS Sajadi S.N. Khodadi M. et al.	PHYSICS OF THE DARK UNIVERSE	2024
4	Repulsive gravity in regular black holes	HERNANDO QUEVEDO CUBILLOS Luongo O.	CLASSICAL AND QUANTUM GRAVITY	2024
5	Adiabatic theory in Kerr spacetimes	HERNANDO QUEVEDO CUBILLOS Kuantay Boshkayev Gulmira Nurbakyt et al.	GENERAL RELATIVITY AND GRAVITATION	2024
6	Quasi-periodic oscillations in rotating and deformed space-times	HERNANDO QUEVEDO CUBILLOS Boshkayev K. Konysbayev T. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2024

HERNANDO QUEVEDO CUBILLOS

7	C3 Matching Conditions for Anisotropic Fluids	HERNANDO QUEVEDO CUBILLOS Gutiérrez-Piñeres A.C.	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2024
8	A thermodynamic model of inflation without inflaton field	HERNANDO QUEVEDO CUBILLOS Anaya-Galeana J. Luongo O.	PHYSICS OF THE DARK UNIVERSE	2024
9	Horizon replicas in black hole shadows	HERNANDO QUEVEDO CUBILLOS Pugliese D.	NUCLEAR PHYSICS B	2024
10	Extended thermodynamics and critical behavior of generalized dilatonic Lifshitz black holes	HERNANDO QUEVEDO CUBILLOS Romero-Figueroa C.E.	EUROPEAN PHYSICAL JOURNAL C	2024
11	Phase transitions, shadows, and microstructure of Reissner-Nordström-Anti-de-Sitter black holes from a geometrothermodynamic perspective	HERNANDO QUEVEDO CUBILLOS Jose M. Ladino Carlos E. Romero-Figueroa	NUCLEAR PHYSICS B	2024
12	Gravitational repulsive effects in 3D regular black holes	HERNANDO QUEVEDO CUBILLOS Luongo O. Sajadi S.N.	GENERAL RELATIVITY AND GRAVITATION	2024
13	Extended Black Hole Geometrothermodynamics	HERNANDO QUEVEDO CUBILLOS	ASTRONOMY REPORTS	2023
14	Geometrothermodynamic description of real gases using the law of corresponding states	HERNANDO QUEVEDO CUBILLOS Quevedo M.N. Sánchez A.	JOURNAL OF GEOMETRY AND PHYSICS	2023
15	Unified representation of homogeneous and quasi-homogenous systems in geometrothermodynamics	HERNANDO QUEVEDO CUBILLOS Maria N. Quevedo	PHYSICS LETTERS B	2023
16	Geometrothermodynamic approach in econophysics	HERNANDO QUEVEDO CUBILLOS Quevedo M.N.	INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS	2023
17	Thermodynamics of the FLRW apparent horizon	HERNANDO QUEVEDO CUBILLOS Sánchez L.M.	PHYSICS LETTERS B	2023
18	Gravitational Refraction of Compact Objects with Quadrupoles	HERNANDO QUEVEDO CUBILLOS Saken Toktarbay Manas Khassanov et al.	Symmetry-Bas el	2023
19	Ideal quantum gases: A geometrothermodynamic approach	SASHA ALEXANDRA ZALDIVAR CORICHI HERNANDO QUEVEDO CUBILLOS	JOURNAL OF GEOMETRY AND PHYSICS	2023
20	High redshift constraints on extended logotropic models	HERNANDO QUEVEDO CUBILLOS Benaoum H.B. Chavanis P.-H. et al.	ASTROPARTICLE PHYSICS	2023

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21	Inflation driven by non-linear electro-dynamics	HERNANDO QUEVEDO CUBILLOS Benaoum H.B. Leon G. et al.	EUROPEAN PHYSICAL JOURNAL C	2023
22	On black hole surface gravity	HERNANDO QUEVEDO CUBILLOS Pugliese D.	EUROPEAN PHYSICAL JOURNAL C	2023
23	Comparing metrics for mixed quantum states: Sjoqvist and Bures	HERNANDO QUEVEDO CUBILLOS Paul M. Alsing Carlo Cafaro et al.	PHYSICAL REVIEW A	2023
24	Study of ideal gases in curved spacetimes	HERNANDO QUEVEDO CUBILLOS Luis Aragon-Munoz	INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS	2023
25	Geometrothermodynamic Cosmology	HERNANDO QUEVEDO CUBILLOS Luongo O.	ENTROPY	2023
26	Spherically Symmetric C3 Matching in General Relativity	HERNANDO QUEVEDO CUBILLOS	Universe	2023
27	Relativistic equilibrium fluid configurations around rotating deformed compact objects	HERNANDO QUEVEDO CUBILLOS Faraji S. Trova A.	EUROPEAN PHYSICAL JOURNAL C	2022
28	Symplectic structure of equilibrium thermodynamics	HERNANDO QUEVEDO CUBILLOS Luis Aragon-Munoz	INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS	2022
29	Generalized Logotropic Models and Their Cosmological Constraints	HERNANDO QUEVEDO CUBILLOS Hachemi Benaoum Pierre-Henri Chavanis	Universe	2022
30	Adiabatic Theory Of Motion Of Bodies In The Hartle-Thorne Spacetime	HERNANDO QUEVEDO CUBILLOS Suliyeva G.B. Boshkayev K.A. et al.	International Journal Of Mathematics And Physics	2022
31	Thermodynamic length, geometric efficiency and Legendre invariance	HERNANDO QUEVEDO CUBILLOS Cafaro C. Luongo O. et al.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2022
32	Darmois matching and C (3) matching	HERNANDO QUEVEDO CUBILLOS Antonio C. Gutierrez-Pineros	CLASSICAL AND QUANTUM GRAVITY	2022

HERNANDO QUEVEDO CUBILLOS

33	Accretion Disk Luminosity for Black Holes Surrounded by Dark Matter with Anisotropic Pressure	HERNANDO QUEVEDO CUBILLOS E. Kurmanov K. Boshkayev et al.	ASTROPHYSICAL JOURNAL	2022
34	Geometrothermodynamics of van der Waals systems	HERNANDO QUEVEDO CUBILLOS Quevedo M.N. Sánchez A.	JOURNAL OF GEOMETRY AND PHYSICS	2022
35	Gravitational field of slightly deformed naked singularities	HERNANDO QUEVEDO CUBILLOS Saken Toktarbay Medeu Abishev et al.	EUROPEAN PHYSICAL JOURNAL C	2022
36	On light surfaces in black hole thermodynamics	HERNANDO QUEVEDO CUBILLOS D. Pugliese	EUROPEAN PHYSICAL JOURNAL C	2022
37	Wormholes, killing horizons and naked singularities: light surfaces in axially symmetric spacetimes	HERNANDO QUEVEDO CUBILLOS Pugliese D.	EUROPEAN PHYSICAL JOURNAL C	2022
38	Static and rotating white dwarf stars at finite temperatures	HERNANDO QUEVEDO CUBILLOS K. Boshkayev O. Luongo et al.	International Journal Of Mathematics And Physics	2021
39	Motion of stars near the galactic center	HERNANDO QUEVEDO CUBILLOS K. Boshkayev T. Konysbayev et al.	International Journal Of Mathematics And Physics	2021
40	Kerr metric Killing bundles Killing horizons confinement, light-surfaces and horizons replicas	HERNANDO QUEVEDO CUBILLOS D. Pugliese	EUROPEAN PHYSICAL JOURNAL C	2021
41	Quantum signatures from Horava-Lifshitz cosmography	CELIA DEL CARMEN ESCAMILLA RIVERA HERNANDO QUEVEDO CUBILLOS	CLASSICAL AND QUANTUM GRAVITY	2021
42	Extracting information on black hole horizons	HERNANDO QUEVEDO CUBILLOS Pugliese D.	NUCLEAR PHYSICS B	2021
43	Luminosity of accretion disks in compact objects with a quadrupole	HERNANDO QUEVEDO CUBILLOS Boshkayev K. Konysbayev T. et al.	PHYSICAL REVIEW D	2021
44	Repulsive gravity effects in horizon formation Horizon remnants in naked singularities	HERNANDO QUEVEDO CUBILLOS Daniela Pugliese	GENERAL RELATIVITY AND GRAVITATION	2021
45	Black shells and naked shells	HERNANDO QUEVEDO CUBILLOS Walter Pulido	INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS	2021

HERNANDO QUEVEDO CUBILLOS

46	Approximate perfect fluid solutions with quadrupole moment	HERNANDO QUEVEDO CUBILLOS Medeu Abishev Nurzada Beissen et al.	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2021
47	Reparametrizations and metric structures in thermodynamic phase space	VIRIDIANA PINEDA REYES FRANCISCO NETTEL RUEDA HERNANDO QUEVEDO CUBILLOS et al.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2021
48	MASS DISTRIBUTION OF DARK MATTER HALO AND SCALE EVOLUTION OF EARLY TYPE GALAXIES	HERNANDO QUEVEDO CUBILLOS D. Kairatkyzy	News Of The National Academy Of Sciences Of The Republic Of Kazakhstan-Series Physico-Mathematical	2020
49	THE CORRESPONDENCE OF THE EREZ-ROSEN SOLUTION WITH THE HARTLE-THORNE SOLUTION IN THE LIMITING CASE OF similar to Q AND similar to M-2	HERNANDO QUEVEDO CUBILLOS K. Boshkayev A. Malybayev et al.	News Of The National Academy Of Sciences Of The Republic Of Kazakhstan-Series Physico-Mathematical	2020
50	ANALYSIS OF THE EQUATIONS OF STATE FOR NEUTRON STARS	HERNANDO QUEVEDO CUBILLOS A. Tlemissov Zh Tlemissova et al.	News Of The National Academy Of Sciences Of The Republic Of Kazakhstan-Series Physico-Mathematical	2020
51	Geometrothermodynamics of black hole binary systems	HERNANDO QUEVEDO CUBILLOS Maria N. Quevedo Alberto Sanchez	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2020
52	Singularity theorems in Schwarzschild spacetimes	SERVANDO VARGAS SERDIO HERNANDO QUEVEDO CUBILLOS	EUROPEAN PHYSICAL JOURNAL PLUS	2020

HERNANDO QUEVEDO CUBILLOS

53	Repulsive regions in Lemaître-Tolman-Bondi gravitational collapse	HERNANDO QUEVEDO CUBILLOS Giambò R. Luongo O.	PHYSICS OF THE DARK UNIVERSE	2020
54	On the metric bundles of axially symmetric spacetimes	HERNANDO QUEVEDO CUBILLOS Pugliese D.	Proceedings Of Ragtime	2020
55	Definitions of relativistic multipole moments in Newtonian gravity of massive objects	HERNANDO QUEVEDO CUBILLOS M. Abishev N. Beissen et al.	Recent Contributions To Physics	2020
56	Ellipsoidal Spacetimes and the Kerr Metric	HERNANDO QUEVEDO CUBILLOS	Encyclopedia Of Earth Sciences Series	2020
57	Kinematic and statistical inconsistencies of Horava-Lifshitz cosmology	HERNANDO QUEVEDO CUBILLOS Luongo O. Muccino M.	PHYSICS OF THE DARK UNIVERSE	2019
58	Statistical origin of Legendre invariant metrics	VIRIDIANA PINEDA REYES FRANCISCO NETTEL RUEDA HERNANDO QUEVEDO CUBILLOS et al.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2019
59	C-3 matching for asymptotically flat spacetimes	Antonio C. Gutierrez Pineres HERNANDO QUEVEDO CUBILLOS	CLASSICAL AND QUANTUM GRAVITY	2019
60	Extensions of modified Chaplygin gas from Geometrothermodynamics	HERNANDO QUEVEDO CUBILLOS Benaoum H.B. Luongo O.	EUROPEAN PHYSICAL JOURNAL C	2019
61	Extended thermodynamics of self-gravitating skyrmions	HERNANDO QUEVEDO CUBILLOS Daniel Flores-Alfonso	CLASSICAL AND QUANTUM GRAVITY	2019
62	Charged Taub-NUT solution in Lovelock gravity with generalized Wheeler polynomials	CRISTOBAL ANDRES CORRAL BADIOLA HERNANDO QUEVEDO CUBILLOS Daniel Flores-Alfonso	PHYSICAL REVIEW D	2019
63	Topological characterization of higher-dimensional charged Taub-NUT instantons	HERNANDO QUEVEDO CUBILLOS Flores-Alfonso D.	INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS	2019
64	Flux Quantization in Dilatonic Taub-NUT Dyons	HERNANDO QUEVEDO CUBILLOS FLORES-ALFONSO D.	REPORTS ON MATHEMATICAL PHYSICS	2019
65	The Erez-Rosen solution versus the Hartle-Thorne solution	HERNANDO QUEVEDO CUBILLOS Boshkayev K. Nurbakyt G. et al.	Symmetry-Basel	2019

HERNANDO QUEVEDO CUBILLOS

66	The physical significance of geometrothermodynamic metrics	HERNANDO QUEVEDO CUBILLOS Pineda V. Quevedo M.N. et al.	INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS	2019
67	FLUX QUANTIZATION IN DILATONIC TAUB-NUT DYONS	HERNANDO QUEVEDO CUBILLOS Daniel Flores-Alfonso	REPORTS ON MATHEMATICAL PHYSICS	2019
68	ON SOME EFFECTS IN THE STRUCTURE OF WHITE DWARFS	HERNANDO QUEVEDO CUBILLOS B. A. Zhani K. Boshkayev et al.	News Of The National Academy Of Sciences Of The Republic Of Kazakhstan-Series Physico-Mathematical	2019
69	Can Spacetime Curvature be Used in Future Navigation Systems?	HERNANDO QUEVEDO CUBILLOS	Fundamental Theories Of Physics	2019
70	Statistical mechanics of the self-gravitating gas in the Tsallis framework	VIRIDIANA PINEDA REYES HERNANDO QUEVEDO CUBILLOS L. F. Escamilla-Herrera et al.	PHYSICAL REVIEW E	2019
71	Disclosing connections between black holes and naked singularities: horizon remnants, Killing throats and bottlenecks	HERNANDO QUEVEDO CUBILLOS Pugliese D.	EUROPEAN PHYSICAL JOURNAL C	2019
72	Quasi-homogeneous black hole thermodynamics	HERNANDO QUEVEDO CUBILLOS Quevedo M.N. Sánchez A.	EUROPEAN PHYSICAL JOURNAL C	2019
73	Nonperturbative Quantization a La Heisenberg: Modified Gravities, Wheeler-DeWitt Equations, and Monopoles in QCD	HERNANDO QUEVEDO CUBILLOS V. Dzhunushaliev V. Folomeev	GRAVITATION & COSMOLOGY	2019
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75	Observers in Kerr spacetimes: the ergoregion on the equatorial plane	HERNANDO QUEVEDO CUBILLOS Pugliese D.	EUROPEAN PHYSICAL JOURNAL C	2018
76	Comparison of vacuum static quadrupolar metrics	HERNANDO QUEVEDO CUBILLOS JOSE ROBERTO PABLO SANCHEZ ALVAREZ Frutos-Alfaro F.	Royal Society Open Science	2018

HERNANDO QUEVEDO CUBILLOS

77	Non-validity of I-Love-Q relations for HotWhite dwarf stars	HERNANDO QUEVEDO CUBILLOS Boshkayev K.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2018
78	EOMETROTHERMODYNAMICS OF THE IDEAL GAS	HERNANDO QUEVEDO CUBILLOS M. Abishev A. Malybayev	News Of The National Academy Of Sciences Of The Republic Of Kazakhstan-Ser ies Physico-Mathe matical	2017
79	I-Love-Q relations for white dwarf stars	HERNANDO QUEVEDO CUBILLOS Boshkayev, K. Zhami, B.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2017
80	Homogeneity and thermodynamic identities in geometrothermodynamics	HERNANDO QUEVEDO CUBILLOS Quevedo, Maria N. Sanchez, Alberto	EUROPEAN PHYSICAL JOURNAL C	2017
81	Topological Quantum Numbers of Dyonic Fields Over Taub-NUT and Taub-Bolt Spaces	HERNANDO QUEVEDO CUBILLOS Flores-Alfonso, D.	Journal Of Geometry And Symmetry In Physics	2017
82	Geometrothermodynamic model for the evolution of the Universe	HERNANDO QUEVEDO CUBILLOS Gruber, Christine	JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS	2017
83	Black hole geometrothermodynamics	HERNANDO QUEVEDO CUBILLOS	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2017
84	General classification of charged test particle circular orbits in Reissner-Nordstrom spacetime	HERNANDO QUEVEDO CUBILLOS Pugliese, D. Ruffini, R.	EUROPEAN PHYSICAL JOURNAL C	2017
85	Einstein equations with fluctuating volume	HERNANDO QUEVEDO CUBILLOS Dzhunushaliev, Vladimir	GRAVITATION & COSMOLOGY	2017
86	Geodesics in the field of a rotating deformed gravitational source	HERNANDO QUEVEDO CUBILLOS Boshkayev, K. A. Abutalip, M. S. et al.	International Journal Of Modern Physics A	2016

HERNANDO QUEVEDO CUBILLOS

87	Geometrothermodynamics of phantom AdS black holes	HERNANDO QUEVEDO CUBILLOS Quevedo, Maria N. Sanchez, Alberto	EUROPEAN PHYSICAL JOURNAL C	2016
88	Motion of test particles in the field of a naked singularity	Antonio C. Gutierrez Pineres HERNANDO QUEVEDO CUBILLOS Boshkayev, K. et al.	PHYSICAL REVIEW D	2016
89	Cardy-Verlinde entropy in Horava-Lifshitz gravity	HERNANDO QUEVEDO CUBILLOS Luongo O. Pisani G.B.	PHYSICAL REVIEW D	2016
90	Income distribution in the colombian economy from an econophysics perspective	HERNANDO QUEVEDO CUBILLOS Quevedo M.N.	Cuadernos de Economía	2016
91	Test particles in a magnetized conformastatic spacetime	Antonio C. Gutierrez Pineres HERNANDO QUEVEDO CUBILLOS Capistrano, Abraao J. S.	PHYSICAL REVIEW D	2016
92	On the equivalence of approximate stationary axially symmetric solutions of the Einstein field equations	HERNANDO QUEVEDO CUBILLOS Boshkayev, Kuantay Toktarbay, Saken et al.	GRAVITATION & COSMOLOGY	2016
93	Newman-Janis Ansatz in conformastatic spacetimes	Antonio C. Gutierrez Pineres HERNANDO QUEVEDO CUBILLOS	GENERAL RELATIVITY AND GRAVITATION	2016
94	Hartle formalism for rotating Newtonian configurations	HERNANDO QUEVEDO CUBILLOS Boshkayev, Kuantay Kalymova, Zhanerke et al.	EUROPEAN JOURNAL OF PHYSICS	2016
95	Einstein-Maxwell-dilaton phantom black holes: Thermodynamics and geometrothermodynamics	HERNANDO QUEVEDO CUBILLOS Quevedo, Maria N. Sanchez, Alberto	PHYSICAL REVIEW D	2016
96	Relativistic like structure of classical thermodynamics	HERNANDO QUEVEDO CUBILLOS Alejandro Vazquez Sanchez, Alberto	GENERAL RELATIVITY AND GRAVITATION	2015
97	The ergoregion in the Kerr spacetime: properties of the equatorial circular motion	HERNANDO QUEVEDO CUBILLOS Pugliese, D.	EUROPEAN PHYSICAL JOURNAL C	2015
98	Generating static perfect-fluid solutions of Einstein's equations	HERNANDO QUEVEDO CUBILLOS Toktarbay, Saken	JOURNAL OF MATHEMATICAL PHYSICS	2015
99	Thermodynamics and geometrothermodynamics of Born-Infeld black holes with cosmological constant	HERNANDO QUEVEDO CUBILLOS Quevedo, Maria N. Sanchez, Alberto	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2015
100	Variational thermodynamics of relativistic thin disks	Antonio C. GutierrezPineres CESAR SIMON LOPEZ MONSALVO HERNANDO QUEVEDO CUBILLOS	GENERAL RELATIVITY AND GRAVITATION	2015

HERNANDO QUEVEDO CUBILLOS

101	A newtonian approach to the cosmological dark fluids	JORGE LUIS CERVANTES COTA HERNANDO QUEVEDO CUBILLOS Aviles A. et al.	Environmental Science and Engineering-Environmental Engineering	2015
102	Geometric description of chemical reactions	HERNANDO QUEVEDO CUBILLOS Diego Tapias	JOURNAL OF MATHEMATICAL CHEMISTRY	2014
103	A unified dark energy model from a Vanishing speed of sound with emergent cosmological Constant	Orlando Luongo HERNANDO QUEVEDO CUBILLOS	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2014
104	Cosmographic study of the universe's specific heat: A landscape for cosmology?	Orlando Luongo HERNANDO QUEVEDO CUBILLOS	GENERAL RELATIVITY AND GRAVITATION	2014
105	Representation invariant Geometrothermodynamics: Applications to ordinary thermodynamic systems	CESAR SIMON LOPEZ MONSALVO FRANCISCO NETTEL RUEDA HERNANDO QUEVEDO CUBILLOS et al.	JOURNAL OF GEOMETRY AND PHYSICS	2014
106	Cosmological applications of geometrothermodynamics	HERNANDO QUEVEDO CUBILLOS Quevedo, M. N.	GRAVITATION & COSMOLOGY	2014
107	On the ensemble dependence in black hole geometrothermodynamics	HERNANDO QUEVEDO CUBILLOS Quevedo, Maria N. Sanchez, Alberto et al.	PHYSICA SCRIPTA	2014
108	Characterizing repulsive gravity with curvature eigenvalues	Orlando Luongo HERNANDO QUEVEDO CUBILLOS	PHYSICAL REVIEW D	2014
109	A stationary q-metric	HERNANDO QUEVEDO CUBILLOS Toktarbay, S.	GRAVITATION & COSMOLOGY	2014
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111	Black holes in gamma ray bursts and galactic nuclei	HERNANDO QUEVEDO CUBILLOS Ruffini R. Argüelles C.R. et al.	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2013
112	Conformastatic disk-haloes in Einstein-Maxwell gravity	Antonio C. Gutierrez Pineres HERNANDO QUEVEDO CUBILLOS Gonzalez, Guillermo A.	PHYSICAL REVIEW D	2013

HERNANDO QUEVEDO CUBILLOS

113	The conformal metric structure of Geometrothermodynamics	CESAR SIMON LOPEZ MONSALVO FRANCISCO NETTEL RUEDA HERNANDO QUEVEDO CUBILLOS et al.	JOURNAL OF MATHEMATICAL PHYSICS	2013
114	Geometrothermodynamics of higher dimensional black holes	HERNANDO QUEVEDO CUBILLOS Momeni, Davood Myrzakulov, Ratbay et al.	GENERAL RELATIVITY AND GRAVITATION	2013
115	Equatorial circular orbits of neutral test particles in the Kerr–Newman spacetime	HERNANDO QUEVEDO CUBILLOS Pugliese, Daniela Ruffini, Remo	PHYSICAL REVIEW D	2013
116	Charged boson stars	HERNANDO QUEVEDO CUBILLOS Pugliese, Daniela Rueda H, Jorge A. et al.	PHYSICAL REVIEW D	2013
117	Information geometry: From black holes to condensed matter systems	HERNANDO QUEVEDO CUBILLOS Sarkar, Tapobrata Cai, Rong-Gen	ADVANCES IN HIGH ENERGY PHYSICS	2013
118	Conformally invariant thermodynamics of a Maxwell-Dilaton black hole	CESAR SIMON LOPEZ MONSALVO FRANCISCO NETTEL RUEDA HERNANDO QUEVEDO CUBILLOS	GENERAL RELATIVITY AND GRAVITATION	2013
119	Topological discretization of bosonic strings	GUSTAVO ALFREDO ARCINIEGA DURAN FRANCISCO NETTEL RUEDA ERICK LEONARDO PATIÑO JAIDAR et al.	International Journal of Pure and Applied Mathematics	2013
120	Topological quantization of free massive bosonic fields	GUSTAVO ALFREDO ARCINIEGA DURAN FRANCISCO NETTEL RUEDA ERICK LEONARDO PATIÑO JAIDAR et al.	Journal Of Geometry And Symmetry In Physics	2012
121	Toward an invariant definition of repulsive gravity	HERNANDO QUEVEDO CUBILLOS Luongo O.	12th Marcel Grossmann Meeting On Recent Dev. In Theoretical And Experimental General Relativity, Astrophysics And	2012
122	Geometrothermodynamics in Horava–Lifshitz gravity	HERNANDO QUEVEDO CUBILLOS Sanchez, Alberto Taj, Safia et al.	JOURNAL OF PHYSICS A–MATHEMATICAL AND THEORETICAL	2012

HERNANDO QUEVEDO CUBILLOS

123	An expanding Universe with constant pressure and no cosmological constant	Orlando Luongo HERNANDO QUEVEDO CUBILLOS	ASTROPHYSICS AND SPACE SCIENCE	2012
124	Geometrothermodynamics of five dimensional black holes in Einstein–Gauss–Bonnet theory	HERNANDO QUEVEDO CUBILLOS Taj, Safia Sanchez, Alberto	GENERAL RELATIVITY AND GRAVITATION	2012
125	Thermodynamics of topological black holes in Horava–Lifshitz gravity	HERNANDO QUEVEDO CUBILLOS Sanchez, Alberto Taj, Safia	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2012
126	Extending the generalized Chaplygin gas model by using geometrothermodynamics	ALEJANDRO AVILES CERVANTES Aztlan Bastarrachea Almodovar Lorena Campuzano et al.	PHYSICAL REVIEW D	2012
127	Gravitational field of compact objects in general relativity	HERNANDO QUEVEDO CUBILLOS Boshkayev, Kuantay Ruffini, Remo	PHYSICAL REVIEW D	2012
128	Cosmography and constraints on the equation of state of the Universe in various parametrizations	ALEJANDRO AVILES CERVANTES Orlando Luongo HERNANDO QUEVEDO CUBILLOS et al.	PHYSICAL REVIEW D	2012
129	Phase transitions in geometrothermodynamics	HERNANDO QUEVEDO CUBILLOS Alberto Sanchez Taj, Safia et al.	GENERAL RELATIVITY AND GRAVITATION	2011
130	Thermodynamic geometry of charged rotating BTZ black holes	HERNANDO QUEVEDO CUBILLOS Akbar, M. Saifullah, K. et al.	PHYSICAL REVIEW D	2011
131	Motion of charged test particles in Reissner–Nordstrom spacetime	HERNANDO QUEVEDO CUBILLOS Pugliese, Daniela Ruffini, Remo	PHYSICAL REVIEW D	2011
132	Equatorial circular motion in Kerr spacetime	HERNANDO QUEVEDO CUBILLOS Pugliese, Daniela Ruffini, Remo	PHYSICAL REVIEW D	2011
133	Holographic dark matter and dark energy with second order invariants	ALEJANDRO AVILES CERVANTES Orlando Luongo HERNANDO QUEVEDO CUBILLOS et al.	PHYSICAL REVIEW D	2011
134	Fundamentals of geometrothermodynamics	HERNANDO QUEVEDO CUBILLOS Quevedo M.N.	Electronic Journal of Theoretical Physics	2011
135	Circular motion of neutral test particles in Reissner–Nordström spacetime	HERNANDO QUEVEDO CUBILLOS Pugliese D. Ruffini R.	PHYSICAL REVIEW D	2011
136	Exterior and interior metrics with quadrupole moment	HERNANDO QUEVEDO CUBILLOS	GENERAL RELATIVITY AND GRAVITATION	2011
137	Topological spectrum of the harmonic oscillator	FRANCISCO NETTEL RUEDA HERNANDO QUEVEDO CUBILLOS	International Journal of Pure and Applied Mathematics	2011

HERNANDO QUEVEDO CUBILLOS

138	Topological spectrum of the harmonic oscillator	FRANCISCO NETTEL RUEDA HERNANDO QUEVEDO CUBILLOS	International Journal of Pure and Applied Mathematics	2011
139	Mass quadrupole as a source of naked singularities	HERNANDO QUEVEDO CUBILLOS	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2011
140	Curvature as a Measure of the Thermodynamic Interaction	HERNANDO QUEVEDO CUBILLOS Sanchez, Alberto Taj, Safia et al.	JOURNAL OF THE KOREAN PHYSICAL SOCIETY	2010
141	Thermodynamic systems as extremal hypersurfaces	HERNANDO QUEVEDO CUBILLOS Alberto Sanchez Vazquez, Alejandro	JOURNAL OF GEOMETRY AND PHYSICS	2010
142	Gravitational fields as generalized string models	Francisco J. Hernandez FRANCISCO NETTEL RUEDA HERNANDO QUEVEDO CUBILLOS	GRAVITATION & COSMOLOGY	2009
143	Generalized Kerr spacetime with an arbitrary mass quadrupole moment: geometric properties versus particle motion	HERNANDO QUEVEDO CUBILLOS Bini, Donato Geralico, Andrea et al.	CLASSICAL AND QUANTUM GRAVITY	2009
144	TOPOLOGICAL SPECTRUM OF MECHANICAL SYSTEMS	FRANCISCO NETTEL RUEDA HERNANDO QUEVEDO CUBILLOS MOICES RODRIGUEZ ESTRADA	REPORTS ON MATHEMATICAL PHYSICS	2009
145	Geometrothermodynamics of black holes	HERNANDO QUEVEDO CUBILLOS	GENERAL RELATIVITY AND GRAVITATION	2008
146	Unified geometric description of black hole thermodynamics	JOSE LUIS ALVAREZ GARCIA HERNANDO QUEVEDO CUBILLOS Alberto Sanchez	PHYSICAL REVIEW D	2008
147	Geometrothermodynamics of asymptotically Anti-de Sitter black holes	HERNANDO QUEVEDO CUBILLOS Alberto Sanchez	JOURNAL OF HIGH ENERGY PHYSICS	2008
148	The geometry of thermodynamics	HERNANDO QUEVEDO CUBILLOS Vázquez A.	AIP Conference Proceedings	2008
149	Geometrothermodynamics	HERNANDO QUEVEDO CUBILLOS	JOURNAL OF MATHEMATICAL PHYSICS	2007
150	Entropy and anisotropy	HERNANDO QUEVEDO CUBILLOS Hernández F.J.	GENERAL RELATIVITY AND GRAVITATION	2007

HERNANDO QUEVEDO CUBILLOS

151	Topological spectrum of classical configurations	FRANCISCO NETTEL RUEDA HERNANDO QUEVEDO CUBILLOS	AIP Conference Proceedings	2007
152	Local Lorentz invariance in N=1 supergravity	HERNANDO QUEVEDO CUBILLOS Macías A. Sánchez A.	PHYSICAL REVIEW D	2006
153	Acausality in Gowdy spacetimes	HERNANDO QUEVEDO CUBILLOS	GENERAL RELATIVITY AND GRAVITATION	2006
154	Supersymmetric quantization in midisuperspace	HERNANDO QUEVEDO CUBILLOS Macías A. Sánchez A.	AIP Conference Proceedings	2006
155	Gowdy T3 cosmological models in N = 1 supergravity	HERNANDO QUEVEDO CUBILLOS Macías A. Sánchez A.	AIP Conference Proceedings	2006
156	Topological quantization of gravitational fields	ERICK LEONARDO PATIÑO JAIDAR HERNANDO QUEVEDO CUBILLOS	JOURNAL OF MATHEMATICAL PHYSICS	2005
157	Towards the deformation quantization of linearized gravity	HERNANDO QUEVEDO CUBILLOS Tafoya J.G.	GENERAL RELATIVITY AND GRAVITATION	2005
158	Pioneer's anomaly and the solar quadrupole moment	HERNANDO QUEVEDO CUBILLOS	AIP Conference Proceedings	2005
159	Time and "angular" dependent backgrounds from stationary axisymmetric solutions	HERNANDO QUEVEDO CUBILLOS Obregón O. Ryan M.P.	PHYSICAL REVIEW D	2004
160	Schrödinger and Fock representation for a field theory on curved spacetime	ALEJANDRO CORICHI RODRIGUEZ GIL JERONIMO ALONSO CORTEZ QUEZADA HERNANDO QUEVEDO CUBILLOS	ANNALS OF PHYSICS	2004
161	Thermodynamic scheme of inhomogeneous perfect fluid mixtures	HERNANDO QUEVEDO CUBILLOS Zárate R.D.	CLASSICAL AND QUANTUM GRAVITY	2004
162	Regular non-twisting S-branes	HERNANDO QUEVEDO CUBILLOS Obregón O. Ryan M.P.	JOURNAL OF HIGH ENERGY PHYSICS	2004
163	Generating Gowdy cosmological models	HERNANDO QUEVEDO CUBILLOS Sánchez A. Macías A.	JOURNAL OF MATHEMATICAL PHYSICS	2004
164	Hopf algebra primitives in perturbation quantum field theory	MARCOS ROSENBAUM PITLUCK JOSE DAVID VERGARA OLIVER HERNANDO QUEVEDO CUBILLOS	JOURNAL OF GEOMETRY AND PHYSICS	2004
165	On time evolution in quantum Gowdy T3 models	ALEJANDRO CORICHI RODRIGUEZ GIL HERNANDO QUEVEDO CUBILLOS Cortez J.	REVISTA MEXICANA DE FISICA	2003

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166	Note on canonical quantization and unitary equivalence in field theory	ALEJANDRO CORICHI RODRIGUEZ GIL JERONIMO ALONSO CORTEZ QUEZADA HERNANDO QUEVEDO CUBILLOS	CLASSICAL AND QUANTUM GRAVITY	2003
167	Bosonic and fermionic behavior in gravitational configurations	ERICK LEONARDO PATIÑO JAIDAR HERNANDO QUEVEDO CUBILLOS	MODERN PHYSICS LETTERS A	2003
168	Revista Mexicana de Fisica: Preface [Revista Mexicana de Fisica: Prefacio]	HERNANDO QUEVEDO CUBILLOS Bretón N. García J.S.	REVISTA MEXICANA DE FISICA	2003
169	Towards the entropy of gravity time-dependent models via the Cardy-Verlinde formula	ERICK LEONARDO PATIÑO JAIDAR HERNANDO QUEVEDO CUBILLOS Obregón O.	PHYSICAL REVIEW D	2003
170	Schrödinger representation for a scalar field on curved spacetime	ALEJANDRO CORICHI RODRIGUEZ GIL JERONIMO ALONSO CORTEZ QUEZADA HERNANDO QUEVEDO CUBILLOS	PHYSICAL REVIEW D	2002
171	On unitary time evolution in Gowdy T3 cosmologies	ALEJANDRO CORICHI RODRIGUEZ GIL JERONIMO ALONSO CORTEZ QUEZADA HERNANDO QUEVEDO CUBILLOS	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	2002
172	Normal coordinates and primitive elements in the hopf algebra of renormalization	CHRYSSOMALIS CHRYSSOMALAKOS HERNANDO QUEVEDO CUBILLOS MARCOS ROSENBAUM PITLUCK et al.	COMMUNICATIO NS IN MATHEMATICAL PHYSICS	2002
173	Kerr metric as an exact solution for unpolarized $S^1 \times S^2$ Gowdy models	HERNANDO QUEVEDO CUBILLOS Obregón O. Ryan M.P.	PHYSICAL REVIEW D	2002
174	Quantum bounds for gravitational de sitter entropy and the cardy-verlinde formula	HERNANDO QUEVEDO CUBILLOS Nojiri S. Obregon O. et al.	MODERN PHYSICS LETTERS A	2001
175	Gravitational fields and nonlinear s-models	JERONIMO ALONSO CORTEZ QUEZADA DARIO NUÑEZ ZUÑIGA HERNANDO QUEVEDO CUBILLOS	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2001
176	Static black holes of metric-affine gravity in the presence of matter	HERNANDO QUEVEDO CUBILLOS Ayón-Beato E. García A. et al.	PHYSICAL REVIEW D	2001
177	Local constraints on the oscillating G model	HERNANDO QUEVEDO CUBILLOS MARCELO SALGADO RODRIGUEZ DANIEL EDUARDO SUDARSKY SAIONZ et al.	PHYSICAL REVIEW D	2001
178	Uniqueness theorems for static black holes in metric-affine gravity	HERNANDO QUEVEDO CUBILLOS Ayón-Beato E. García A. et al.	PHYSICAL REVIEW D	2000

HERNANDO QUEVEDO CUBILLOS

179	On a class of rotating gravitational waves	HERNANDO QUEVEDO CUBILLOS Mashhoon B. McClune J.C.	CLASSICAL AND QUANTUM GRAVITY	2000
180	On the motion of shells in general relativity	DARIO NUÑEZ ZUÑIGA HERNANDO QUEVEDO CUBILLOS	GENERAL RELATIVITY AND GRAVITATION	1999
181	A scalar field as a candidate for the cosmological non-baryonic dark matter	HERNANDO QUEVEDO CUBILLOS MARCELO SALGADO RODRIGUEZ DANIEL EDUARDO SUDARSKY SAIONZ	GENERAL RELATIVITY AND GRAVITATION	1999
182	On the gravitoelectromagnetic stress - Energy tensor	HERNANDO QUEVEDO CUBILLOS Mashhoon B. McClune J.C.	CLASSICAL AND QUANTUM GRAVITY	1999
183	Einstein's equations as functional geodesies	DARIO NUÑEZ ZUÑIGA HERNANDO QUEVEDO CUBILLOS Sánchez A.	REVISTA MEXICANA DE FISICA	1998
184	Dynamics of a spherically symmetric scalar shell	DARIO NUÑEZ ZUÑIGA HERNANDO QUEVEDO CUBILLOS MARCELO SALGADO RODRIGUEZ	PHYSICAL REVIEW D	1998
185	The oscillating G model: A possible explanation for the nature of cosmological nonbaryonic matter	HERNANDO QUEVEDO CUBILLOS MARCELO SALGADO RODRIGUEZ DANIEL EDUARDO SUDARSKY SAIONZ	ASTROPHYSICAL JOURNAL	1997
186	On the thermodynamical interpretation of perfect fluid solutions of the Einstein equations with no symmetry	HERNANDO QUEVEDO CUBILLOS ROBERTO ALLAN SUSSMAN LIVOVSKY Krasinski A.	JOURNAL OF MATHEMATICAL PHYSICS	1997
187	Cosmological dark matter and galactic periodicity	DANIEL EDUARDO SUDARSKY SAIONZ HERNANDO QUEVEDO CUBILLOS MARCELO SALGADO RODRIGUEZ	REVISTA MEXICANA DE FISICA	1997
188	Has cosmological dark matter been observed?	MARCELO SALGADO RODRIGUEZ DANIEL EDUARDO SUDARSKY SAIONZ HERNANDO QUEVEDO CUBILLOS	PHYSICS LETTERS B	1997
189	Gravitational superenergy tensor	HERNANDO QUEVEDO CUBILLOS Mashhoon B. McClune J.C.	PHYSICS LETTERS A	1997
190	Black holes have no short hair	DARIO NUÑEZ ZUÑIGA HERNANDO QUEVEDO CUBILLOS DANIEL EDUARDO SUDARSKY SAIONZ	PHYSICAL REVIEW LETTERS	1996
191	Large black holes have no hair	DANIEL EDUARDO SUDARSKY SAIONZ DARIO NUÑEZ ZUÑIGA HERNANDO QUEVEDO CUBILLOS	HELV PHYS ACTA	1996
192	Galactic periodicity and the oscillating G model	MARCELO SALGADO RODRIGUEZ DANIEL EDUARDO SUDARSKY SAIONZ HERNANDO QUEVEDO CUBILLOS	PHYSICAL REVIEW D	1996

HERNANDO QUEVEDO CUBILLOS

193	On the thermodynamics of simple non-isentropic perfect fluids in general relativity	HERNANDO QUEVEDO CUBILLOS ROBERTO ALLAN SUSSMAN LIVOVSKY	CLASSICAL AND QUANTUM GRAVITY	1995
194	Relativistic tidal accelerations	HERNANDO QUEVEDO CUBILLOS Mashhoon B.	NUOVO CIMENTO B	1995
195	Thermodynamics of the Stephani Universes	HERNANDO QUEVEDO CUBILLOS ROBERTO ALLAN SUSSMAN LIVOVSKY	JOURNAL OF MATHEMATICAL PHYSICS	1995
196	Class of Einstein–Maxwell dilatons	DARIO NUÑEZ ZUÑIGA HERNANDO QUEVEDO CUBILLOS Matos T.	PHYSICAL REVIEW D	1995
197	The effects of gap size and age on the understorey herb community of a tropical Mexican rain forest	HERNANDO QUEVEDO CUBILLOS Dirzo R. Horvitz C.C. et al.	JOURNAL OF ECOLOGY	1992
198	Determination of the metric from the curvature	HERNANDO QUEVEDO CUBILLOS	GENERAL RELATIVITY AND GRAVITATION	1992
199	Complex transformations of the curvature tensor	HERNANDO QUEVEDO CUBILLOS	GENERAL RELATIVITY AND GRAVITATION	1992
200	Generating solutions of the Einstein–Maxwell equations with prescribed physical properties	HERNANDO QUEVEDO CUBILLOS	PHYSICAL REVIEW D	1992
201	Comment on New exact solution for the exterior gravitational field of a spinning mass	HERNANDO QUEVEDO CUBILLOS	PHYSICAL REVIEW LETTERS	1991
202	On the geodesics in the Erez–Rosen spacetime	HERNANDO QUEVEDO CUBILLOS Parkes L.	GENERAL RELATIVITY AND GRAVITATION	1991
203	Generalization of Kerr spacetime	HERNANDO QUEVEDO CUBILLOS Mashhoon B.	PHYSICAL REVIEW D	1991
204	Exterior gravitational field of a charged rotating mass with arbitrary quadrupole moment	HERNANDO QUEVEDO CUBILLOS Mashhoon B.	PHYSICS LETTERS A	1990
205	Rotating gravitational waves	HERNANDO QUEVEDO CUBILLOS Mashhoon B.	PHYSICS LETTERS A	1990
206	Multipole Moments in General Relativity ?Static and Stationary Vacuum Solutions?	HERNANDO QUEVEDO CUBILLOS	FORTSCHRITTE DER PHYSIK–PROGRESS OF PHYSICS	1990
207	Geodesies in the Erez–Rosen space–time	HERNANDO QUEVEDO CUBILLOS Parkes L.	GENERAL RELATIVITY AND GRAVITATION	1989

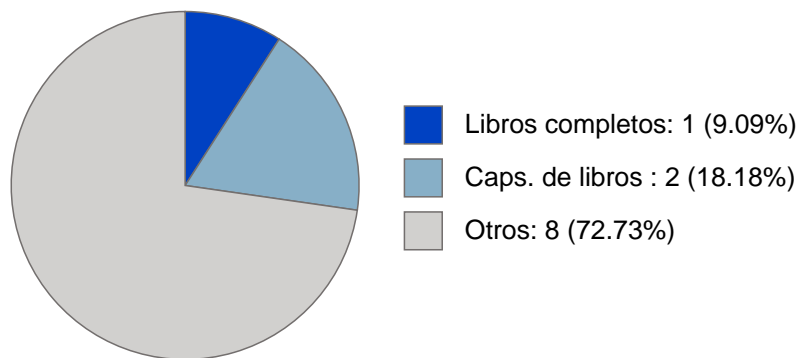
HERNANDO QUEVEDO CUBILLOS

208	General static axisymmetric solution of Einstein's vacuum field equations in prolate spheroidal coordinates	HERNANDO QUEVEDO CUBILLOS	PHYSICAL REVIEW D	1989
209	On the exterior gravitational field of a mass with a multipole moment	HERNANDO QUEVEDO CUBILLOS	GENERAL RELATIVITY AND GRAVITATION	1987
210	Class of stationary axisymmetric solutions of Einsteins equations in empty space	HERNANDO QUEVEDO CUBILLOS	PHYSICAL REVIEW D	1986
211	Exterior gravitational field of a rotating deformed mass	HERNANDO QUEVEDO CUBILLOS Mashhoon B.	PHYSICS LETTERS A	1985

HERNANDO QUEVEDO CUBILLOS

LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Killing horizons, throats and bottlenecks in the ergoregion of the Kerr spacetime	HERNANDO QUEVEDO CUBILLOS D. Pugliese ES Battistelli et al.	Proceedin gs Paper	2022	9789811256615
2	Axisymmetric solution of Einstein's field equations with quadrupole	HERNANDO QUEVEDO CUBILLOS S. Toktarbay M. E. Abishev et al.	Proceedin gs Paper	2022	9789811256615
3	Killing horizons, throats and bottlenecks in the ergoregion of the Kerr spacetime	HERNANDO QUEVEDO CUBILLOS Pugliese D.	Conferenc e Paper	2018	9789811258244
4	Geometric approaches to the thermodynamics of black holes	HERNANDO QUEVEDO CUBILLOS Gruber C. Luongo O. et al.	Conferenc e Paper	2018	9789813226593
5	A cien años de la relatividad	MANUEL PEIMBERT SIERRA ANTONIO RAMIREZ FERNANDEZ HERNANDO QUEVEDO CUBILLOS et al.	Libro Completo	2018	9786077242987
6	Quadrupolar metrics	HERNANDO QUEVEDO CUBILLOS	Capítulo de un Libro	2017	9781536105254
7	Constraints from cosmography in various parametrizations	ALEJANDRO AVILES CERVANTES HERNANDO QUEVEDO CUBILLOS Gruber C. et al.	Conferenc e Paper	2015	9789814612142



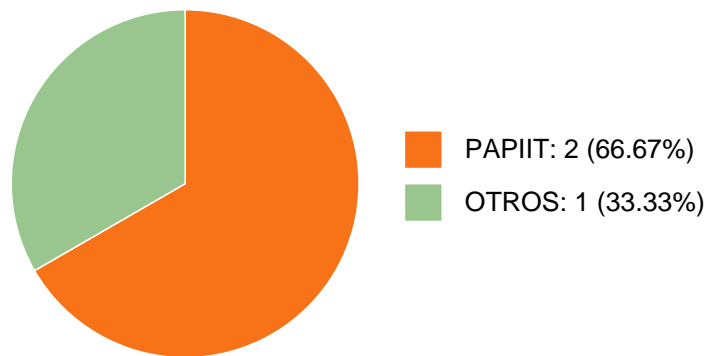
HERNANDO QUEVEDO CUBILLOS

8	Cosmological implications of geometrothermodynamics	HERNANDO QUEVEDO CUBILLOS Luongo O. Rosquist K. et al.	Conferenc e Paper	2015	9789814612142
9	A Newtonian approach to the cosmological dark fluids	HERNANDO QUEVEDO CUBILLOS	Capítulo de un Libro	2015	9783319114873
10	Matching conditions in relativistic astrophysics	HERNANDO QUEVEDO CUBILLOS	Conferenc e Paper	2012	9814374512
11	Time paradox in quantum gravity	HERNANDO QUEVEDO CUBILLOS Macías A.	Conferenc e Paper	2007	3764379774

HERNANDO QUEVEDO CUBILLOS

PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

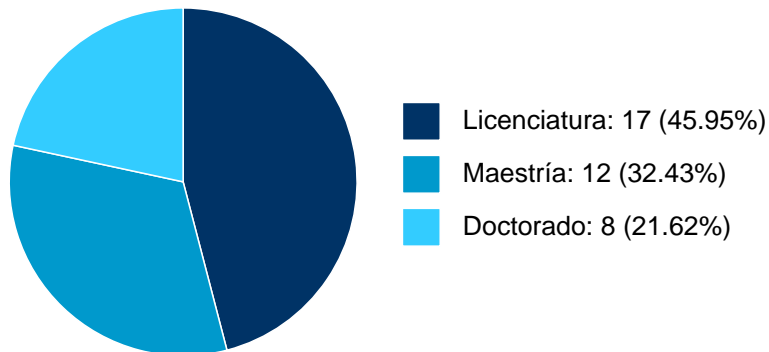


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Historia termodinámica del Universo	HERNANDO QUEVEDO CUBILLOS	Recursos PAPIIT	01-01-2017	31-12-2019
2	Geometrotermodinámica fuera del equilibrio.	HERNANDO QUEVEDO CUBILLOS	Recursos PAPIIT	01-01-2020	31-12-2022
3	Geometrotermodinámica relativista.	HERNANDO QUEVEDO CUBILLOS	Recursos CONAHCyT	22-10-2019	10-10-2023

HERNANDO QUEVEDO CUBILLOS

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Teoremas de singularidades de penrose en campos gravitacionales cuadrupolares	Tesis de Doctorado	HERNANDO QUEVEDO CUBILLOS,	SAUL NOE RAMOS SANCHEZ, JOSE DAVID VERGARA OLIVER, et al.	Instituto de Ciencias Nucleares, Instituto de Física,	2022
2	Contribuciones al estudio geométrico y físico del campo gravitacional exterior de objetos compactos	Tesis de Doctorado	HERNANDO QUEVEDO CUBILLOS,	Sánchez Serrano, Pedro Antonio,	Instituto de Ciencias Nucleares,	2022
3	Aspectos categóricos del formalismo de maupertius y de la cuantización topológica	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Velásquez Escamilla, Edgar Omar,	Instituto de Ciencias Nucleares,	2022
4	Mapeos armónicos en geometrotermodinámica	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Méndez Aragón, Omar,	Instituto de Ciencias Nucleares,	2022
5	Efectos físicos del momento gravitacional cuadrupolar	Tesis de Maestría	MYRIAM MONDRAGON CEBALLOS,	HERNANDO QUEVEDO CUBILLOS, Bayona Bobadilla, Elly Anne Katherin,	Instituto de Ciencias Nucleares, Instituto de Física,	2021

HERNANDO QUEVEDO CUBILLOS

6	Colapso termodinámico de hoyos negros	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	García García, Carlos,	Instituto de Ciencias Nucleares,	2020
7	Dinámica de singularidades desnudas	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Jiménez Hidalgo, Moisés Eduardo,	Instituto de Ciencias Nucleares,	2019
8	Estructuras simplécticas en el espacio fase de la GTD	Tesis de Maestría	HERNANDO QUEVEDO CUBILLOS,	Aragón Muñoz, Luis Fernando,	Instituto de Ciencias Nucleares,	2019
9	Dinámica de cascarones negros	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Hernández Juárez, Brandon Adrián,	Instituto de Ciencias Nucleares,	2019
10	Geometrotermodinámica estadística	Tesis de Doctorado	HERNANDO QUEVEDO CUBILLOS,	Pineda Reyes, Viridiana,	Instituto de Ciencias Nucleares,	2019
11	Modelo cosmológico inflacionario basado en geometrotermodinámica	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Anaya Galeana, Jesús Eduardo,	Instituto de Ciencias Nucleares,	2019
12	Excitaciones topológicas de campos sobre fondos Taub-NUT	Tesis de Doctorado	HERNANDO QUEVEDO CUBILLOS,	Flores Alfonso, Daniel Andrés,	Instituto de Ciencias Nucleares,	2018
13	Simetría infinitesimal de legendre en la métrica del espacio fase de la termodinámica	Tesis de Maestría	HERNANDO QUEVEDO CUBILLOS,	García Peláez Cruz, David,	Instituto de Ciencias Nucleares,	2015
14	Descripción geométrica de condensación Bose-Einstein	Tesis de Maestría	HERNANDO QUEVEDO CUBILLOS,	Zaldívar Corichi, Sasha Alexandra,	Instituto de Ciencias Nucleares,	2015
15	Cuantización topológica del hoyo negro de Reissner-Nordström	Tesis de Maestría	HERNANDO QUEVEDO CUBILLOS,	Soto Lastiri, Luis Daniel,	Instituto de Ciencias Nucleares,	2014
16	Defectos topológicos en geometrotermodinámica	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Báez Camargo Aguilar, Ana Lucia,	Instituto de Ciencias Nucleares,	2014

HERNANDO QUEVEDO CUBILLOS

17	Obtención del espectro topológico del agujero negro de kerr y kerr-newman	Tesis de Maestría	RODOLFO PATRICIO MARTINEZ Y ROMERO,	ERICK LEONARDO PATIÑO JAIDAR, HERNANDO QUEVEDO CUBILLOS, et al.	Facultad de Ciencias, Instituto de Ciencias Nucleares,	2014
18	La degeneración oscura, el fluido oscuro y modificaciones a relatividad general	Tesis de Doctorado	JORGE LUIS CERVANTES COTA,	HERNANDO QUEVEDO CUBILLOS, Avilés Cervantes, Alejandro,	Instituto de Ciencias Nucleares,	2013
19	Descripción geométrica de reacciones químicas basada en la invariancia de Legendre	Tesis de Maestría	HERNANDO QUEVEDO CUBILLOS,	Tapias Galindo, Diego Andrés,	Instituto de Ciencias Nucleares,	2013
20	Geometrotermodinámica del gas de van der Waals	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Ramírez Fernández, Antonio,	Instituto de Ciencias Nucleares,	2012
21	Geodésicas en el espacio fase geometrotermodinámico	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Valdés Porras, Edgar Antonio,	Instituto de Ciencias Nucleares,	2012
22	El universo oscuro: un modelo inspirado en geometrotermodinámica	Tesis de Maestría	HERNANDO QUEVEDO CUBILLOS,	Campuzano Duque, Lorena,	Instituto de Ciencias Nucleares,	2012
23	Geometrotermodinámica de gases ideales cuánticos	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Zaldívar Corichi, Sasha Alejandra,	Instituto de Ciencias Nucleares,	2012
24	Movimiento Geodésico en Singularidades Desnudas	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Gasperín García, Edgar,	Instituto de Ciencias Nucleares,	2011
25	Espectros topológicos en mecánica clásica, teoría de cuerdas y mapeos armónicos generalizados	Tesis de Doctorado	HERNANDO QUEVEDO CUBILLOS,	Nettel Rueda, Francisco,	Instituto de Ciencias Nucleares,	2011
26	Geometrotermodinámica del hoyo negro en 2+1 dimensiones	Tesis de Maestría	HERNANDO QUEVEDO CUBILLOS,	Cruz Reyes, Selene,	Instituto de Ciencias Nucleares,	2008

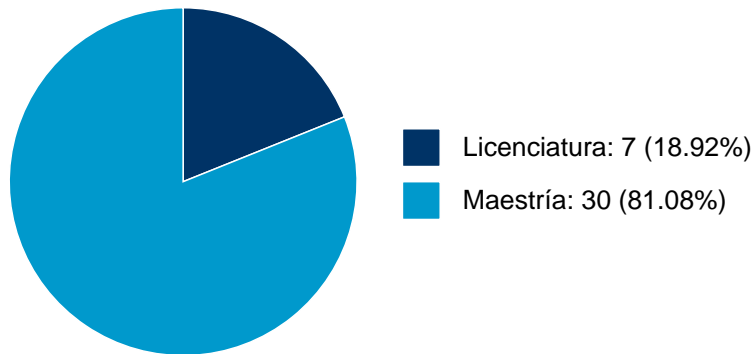
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27	Geometrotermodinámica de hoyos negros	Tesis de Maestría	HERNANDO QUEVEDO CUBILLOS,	Álvarez López, José Luis,	Instituto de Ciencias Nucleares,	2008
28	Cuantización por deformación de la teoría linealizada de Einstein	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Gonzalez Tafoya, Julio Antonio,		2004
29	Sobre el problema de la transición campo-partícula	Tesis de Doctorado	HERNANDO QUEVEDO CUBILLOS,	Patiño Jaidar, Erick Leonardo,		2003
30	Análisis geométrico y topológico de espacios con curvatura constante	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Nettel Rueda, Francisco,		2003
31	Cuantización de modelos sigma no lineales : la cosmología de Gowdy T3	Tesis de Doctorado	HERNANDO QUEVEDO CUBILLOS,	Cortez Quezada, Jerónimo Alonso,		2003
32	Análisis termodinámico de modelos cosmológicos inhomogéneos	Tesis de Maestría	HERNANDO QUEVEDO CUBILLOS,	Zarate Reyes, Ruben David,		2001
33	Sobre teoría de campo en geometría no conmutativa	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Díaz Ordaz Ávila, Karla,		2000
34	Estudio de una gota relativista con rotación	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Maceda Santamaria, Marco Antonio,		1998
35	Introducción a la teoría de modelos sigma no lineales	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Cortez Quezada, Jerónimo Alonso,		1997
36	Ecuaciones de Einstein como geodésicas funcionales	Tesis de Maestría	HERNANDO QUEVEDO CUBILLOS,	Sanchez Moreno, Alberto,		1996
37	El tensor de Bel-Robinson para ondas gravitacionales con rotación	Tesis de Licenciatura	HERNANDO QUEVEDO CUBILLOS,	Chávez Carrasco, Enrique,		1996

HERNANDO QUEVEDO CUBILLOS

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	TEM. SELEC. RELAT.COSMOL. GRAVIT. I	Facultad de Ciencias	5	2023-2
2	Licenciatura	TEM. SELEC. RELAT.COSMOL. GRAVIT. I	Facultad de Ciencias	34	2022-2
3	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Ciencias Nucleares	1	2022-2
4	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Ciencias Nucleares	1	2022-1
5	Maestría	SEMINARIO DE INVESTIGACIÓN I	Instituto de Ciencias Nucleares	1	2022-1
6	Maestría	SEMINARIO DE INVESTIGACIÓN I	Instituto de Ciencias Nucleares	1	2021-2
7	Licenciatura	TEM. SELEC. RELAT.COSMOL. GRAVIT. I	Facultad de Ciencias	9	2021-2
8	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Ciencias Nucleares	2	2021-1
9	Licenciatura	TEM. SELEC.FISICA MATEMAT.TEOR.I	Facultad de Ciencias	3	2020-2
10	Maestría	SEMINARIO DE INVESTIGACIÓN I	Instituto de Ciencias Nucleares	2	2020-2
11	Maestría	TEMAS SELECTOS GEOMETROTERMODINÁMICA	Instituto de Ciencias Nucleares	2	2020-2
12	Licenciatura	TEM. SELEC. RELAT.COSMOL. GRAVIT. I	Facultad de Ciencias	11	2020-1
13	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Ciencias Nucleares	1	2019-2
14	Maestría	TEMAS SELECTOS GEOMETROTERMODINÁMICA	Instituto de Ciencias Nucleares	2	2019-2

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15	Licenciatura	TEM. SELEC. RELAT.COSMOL. GRAVIT. I	Facultad de Ciencias	5	2019-1
16	Maestría	SEMINARIO DE INVESTIGACIÓN I	Instituto de Ciencias Nucleares	1	2019-1
17	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Ciencias Nucleares	1	2019-1
18	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Nucleares	1	2018-2
19	Licenciatura	TEM. SELEC. RELAT.COSMOL. GRAVIT. I	Facultad de Ciencias	6	2018-1
20	Maestría	SEMINARIO DE INVESTIGACION II-394304	Instituto de Ciencias Nucleares	2	2017-1
21	Maestría	TEMAS SELECTOS-394349	Instituto de Ciencias Nucleares	1	2017-1
22	Maestría	TEMAS SELECTOS	Instituto de Ciencias Nucleares	1	2016-2
23	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Nucleares	2	2016-2
24	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Ciencias Nucleares	2	2015-2
25	Maestría	RELATIVIDAD GENERAL	Instituto de Ciencias Nucleares	7	2015-2
26	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Nucleares	2	2015-1
27	Maestría	TEMAS SELECTOS	Centro de Ciencias Aplicadas y Desarrollo Tecnológico	3	2014-2
28	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Ciencias Nucleares	5	2014-2
29	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Nucleares	5	2014-1
30	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Ciencias Nucleares	1	2013-2
31	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Ciencias Nucleares	1	2013-2
32	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Nucleares	1	2013-1
33	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Nucleares	1	2013-1
34	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Nucleares	1	2012-2
35	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Ciencias Nucleares	1	2012-2
36	Maestría	TEMAS SELECTOS	Instituto de Ciencias Nucleares	1	2012-2



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Reporte individual



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37	Maestría	TEMAS SELECTOS	Instituto de Ciencias Nucleares	1	2012-1
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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