



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



MARCOS MOSHINSKY BORODINASKY

Datos Generales

Nombre: MARCOS MOSHINSKY BORODINASKY

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 67 años

Nombramientos

Último: PROFESOR ASIGNATURA B TP Definitivo
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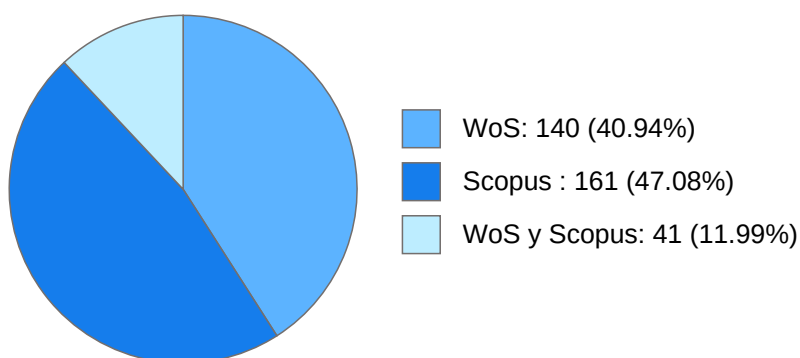
Estímulos, programas, premios y reconocimientos

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Symmetries in nature: Symposium in memoriam	MARCOS MOSHINSKY BORODINASKY	AIP Conference Proceedings	2010
2	Wigner Distribution Functions and the Representation of Canonical Transformations in Time-Dependent Quantum Mechanics	MARCOS MOSHINSKY BORODINASKY Schuch, Dieter	SYMMETRY INTEGRABILITY AND GEOMETRY-MET HODS AND APPLICATIONS	2008
3	Atom laser dynamics in a tight waveguide	MARCOS MOSHINSKY BORODINASKY Del Campo A. Lizuain I. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2008
4	Alternative method for determining the Feynman propagator of a non-relativistic quantum mechanical problem	MARCOS MOSHINSKY BORODINASKY Sadurni E. Del Campo A.	Symmetry, Integrability And Geometry: Methods And Applications (sigma)	2007

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5	Time modulation of atom sources	MARCOS MOSHINSKY BORODINASKY Del Campo A. Muga J.G.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2007
6	Connection between quantum-mechanical and classical time evolution via a dynamical invariant	MARCOS MOSHINSKY BORODINASKY Schuch D.	PHYSICAL REVIEW A	2006
7	Propagator for quantum systems involving spin-orbit coupling	MARCOS MOSHINSKY BORODINASKY Sadurní E.	J PHYS A-MATH GEN	2006
8	Time dependent problems in relativistic quantum mechanics	MARCOS MOSHINSKY BORODINASKY Sadurní E.	REVISTA MEXICANA DE FISICA	2006
9	Tunnelling out of a time-dependent well	MARCOS MOSHINSKY BORODINASKY Kramer T.	J PHYS A-MATH GEN	2005
10	Transition from quantum to classical behavior for some simple model systems	MARCOS MOSHINSKY BORODINASKY Schuch D.	REVISTA MEXICANA DE FISICA	2005
11	Transient phenomena in quantum bound states subjected to a sudden perturbation	MARCOS MOSHINSKY BORODINASKY Sadurní E.	Symmetry, Integrability And Geometry: Methods And Applications (sigma)	2005
12	The many body problem in relativistic quantum mechanics	MARCOS MOSHINSKY BORODINASKY Nikitin A.	REVISTA MEXICANA DE FISICA	2004
13	García-Calderón, Mateos, and Moshinsky Reply	GASTON DANIEL GARCIA Y CALDERON JOSE LUIS MATEOS TRIGOS MARCOS MOSHINSKY BORODINASKY	PHYSICAL REVIEW LETTERS	2003
14	The relativistic many-body problem and application to bottomonium	MARCOS MOSHINSKY BORODINASKY Riquer V.	J PHYS A-MATH GEN	2003
15	Comment on "resonant spectra and the time evolution of the survival and nonescape probabilities" (multiple letters)	GASTON DANIEL GARCIA Y CALDERON JOSE LUIS MATEOS TRIGOS MARCOS MOSHINSKY BORODINASKY et al.	PHYSICAL REVIEW LETTERS	2003
16	Coherent states and dissipation for the motion of a charged particle in a constant magnetic field	MARCOS MOSHINSKY BORODINASKY Schuch D.	J PHYS A-MATH GEN	2003

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17	Relativistic correction to order $(1/c^2)$ of the ground state of the deuteron	MARCOS MOSHINSKY BORODINASKY Suárez-Moreno A.	REVISTA MEXICANA DE FÍSICA	2003
18	Editor's preface	EFRAIN RAFAEL CHAVEZ LOMELI MARCOS MOSHINSKY BORODINASKY López J.A. et al.	ACTA PHYS HUNG NS-H	2002
19	The two-body problem with spin in relativistic quantum mechanics: The case of positronium	MARCOS MOSHINSKY BORODINASKY Riquer V.	J PHYS A-MATH GEN	2002
20	Sturm-Coulomb problem in a magnetic field and its implications for quantum chaos	MARCOS MOSHINSKY BORODINASKY Hernández-Saldaña H. Suárez-Moreno A.	PHYSICS OF ATOMIC NUCLEI	2002
21	The quark-diquark rovibron and baryon spectra	MARCOS MOSHINSKY BORODINASKY Kirchbach M. Smirnov Yu.F.	ACTA PHYS HUNG NS-H	2002
22	Baryons in $O(4)$ and the vibron model	MARCOS MOSHINSKY BORODINASKY Kirchbach M. Smirnov Yu.F.	PHYSICAL REVIEW D	2001
23	Diffraction in time with dissipation	MARCOS MOSHINSKY BORODINASKY Schuch D.	J PHYS A-MATH GEN	2001
24	Canonical Transformations for Time Evolution and Their Representation in Wigner Distribution Phase Space	MARCOS MOSHINSKY BORODINASKY Sharma A.	ANNALS OF PHYSICS	2000
25	Diffraction in time in terms of Wigner distributions and tomographic probabilities	MARCOS MOSHINSKY BORODINASKY Man'ko V. Sharma A.	PHYSICAL REVIEW A	1999
26	Neutron transmission bands in one dimensional lattices	GUILLERMO MONSIVAIS GALINDO MARCOS MOSHINSKY BORODINASKY	REVISTA MEXICANA DE FÍSICA	1999
27	The Kronig-Penney lattice with R matrix interactions	GUILLERMO MONSIVAIS GALINDO MARCOS MOSHINSKY BORODINASKY	J PHYS A-MATH GEN	1999
28	Nuclear physics methods for problems in relativistic quantum mechanics	MARCOS MOSHINSKY BORODINASKY Riquer V.	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	1998
29	Variational energy spectra of relativistic Hamiltonians	MARCOS MOSHINSKY BORODINASKY Sharma A.	J PHYS A-MATH GEN	1998
30	Supermultiplets and relativistic problems: III. The non-relativistic limit for a particle of arbitrary spin in an external field	MARCOS MOSHINSKY BORODINASKY Sharma A. Smirnov Yu.F.	J PHYS A-MATH GEN	1998
31	Supermultiplets and relativistic problems: II. The Bhabha equation of arbitrary spin and its properties	MARCOS MOSHINSKY BORODINASKY Nikitin A.G. Sharma A. et al.	J PHYS A-MATH GEN	1998

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32	Analysis of relativistic particles of arbitrary spin through different chains of groups	MARCOS MOSHINSKY BORODINASKY Nikitin A.G. Sharma A. et al.	REVISTA MEXICANA DE FISICA	1998
33	Exact analytic solution of the Schrödinger equation with centrifugal tensor forces	JAIME BESPROSVANY FRIDZON MARCOS MOSHINSKY BORODINASKY	PHYSICAL REVIEW A	1998
34	Delay time in the R matrix formalism	MARCOS MOSHINSKY BORODINASKY	REVISTA MEXICANA DE FISICA	1997
35	Delay time for a single resonance	MARCOS MOSHINSKY BORODINASKY GUILLERMO MONSIVAIS GALINDO	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	1997
36	Supermultiplicity and the Relativistic Coulomb Problem with Arbitrary Spin	MARCOS MOSHINSKY BORODINASKY Del Sol Mesa A. Riquer V.	Foundations Of Physics	1997
37	The Dirac oscillator of arbitrary spin	MARCOS MOSHINSKY BORODINASKY Del Sol Mesa A.	J PHYS A-MATH GEN	1996
38	Validity of variational procedures for resonant states	JOSE ANTONIO RAFAEL GARCIA ZENTENO MARCOS MOSHINSKY BORODINASKY Smirnov Yu.F.	AMERICAN JOURNAL OF PHYSICS	1996
39	Diffraction in time in a Kronig-Penney lattice	GUILLERMO MONSIVAIS GALINDO MARCOS MOSHINSKY BORODINASKY Loyola G.	PHYSICA SCRIPTA	1996
40	Survival and nonescape probabilities for resonant and nonresonant decay	GASTON DANIEL GARCIA Y CALDERON JOSE LUIS MATEOS TRIGOS MARCOS MOSHINSKY BORODINASKY	ANNALS OF PHYSICS	1996
41	Supermultiplets and relativistic problems: I. The free particle with arbitrary spin in a magnetic field	MARCOS MOSHINSKY BORODINASKY Smirnov Yu.F.	J PHYS A-MATH GEN	1996
42	Supersymmetry and superalgebra for the two-body system with a Dirac oscillator interaction	MARCOS MOSHINSKY BORODINASKY Quesne C. Smirnov Yu.F.	J PHYS A-MATH GEN	1995
43	Polar optical oscillations in quantum wires and free-standing wires: The electron-phonon interaction Hamiltonian	MARCOS MOSHINSKY BORODINASKY Comas F. Cantarero A. et al.	JOURNAL OF PHYSICS-CONDENSED MATTER	1995
44	Resonant spectra and the time evolution of the survival and nonescape probabilities	GASTON DANIEL GARCIA Y CALDERON JOSE LUIS MATEOS TRIGOS MARCOS MOSHINSKY BORODINASKY	PHYSICAL REVIEW LETTERS	1995
45	Response to "comment on 'penetrability of a one-dimensional Coulomb potential'" by Roger G Newton	MARCOS MOSHINSKY BORODINASKY	J PHYS A-MATH GEN	1994

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46	Relations between different approaches to the relativistic two-body problem	MARCOS MOSHINSKY BORODINASKY Del Sol Mesa A.	J PHYS A-MATH GEN	1994
47	Barut equation for the particle-antiparticle system with a Dirac oscillator interaction	MARCOS MOSHINSKY BORODINASKY Loyola G.	Foundations Of Physics	1993
48	Penetrability of a one-dimensional Coulomb potential	MARCOS MOSHINSKY BORODINASKY	J PHYS A-MATH GEN	1993
49	Quantum groups and the recovery of U(3) symmetry in the Hamiltonian of the nuclear shell model	MARCOS MOSHINSKY BORODINASKY VICTOR MANUEL VELAZQUEZ AGUILAR Del Sol Mesa A. et al.	J PHYS A-MATH GEN	1993
50	Transformation to pseudo-SU (3) in heavy deformed nuclei	OCTAVIO HECTOR CASTAÑOS GARZA MARCOS MOSHINSKY BORODINASKY Quesne C.	PHYSICS LETTERS B	1992
51	Relations between the nuclear shell model hamiltonian and the orthosymplectic superalgebra Osp (1 2)	OCTAVIO HECTOR CASTAÑOS GARZA MARCOS MOSHINSKY BORODINASKY Balantekin A.B.	PHYSICS LETTERS B	1992
52	Anomalous basis for representations of the Poincaré group	MARCOS MOSHINSKY BORODINASKY Loyola G. Villegas C.	JOURNAL OF MATHEMATICAL PHYSICS	1991
53	A Dirac equation with an oscillator potential and spin-orbit coupling	MARCOS MOSHINSKY BORODINASKY Kukulin V.I. Loyola G.	PHYSICS LETTERS A	1991
54	Universal symmetry Lie algebras for classical two-dimensional Hamiltonians and their translation to quantum mechanics	MARCOS MOSHINSKY BORODINASKY Quesne C.	PHYSICS LETTERS A	1991
55	Dynamical model for heavy ion collisions with a single resonance	MARCOS MOSHINSKY BORODINASKY Loyola G. Villegas C.	PHYSICAL REVIEW C	1991
56	Relativistic interactions by means of boundary conditions: The Breit-Wigner formula	MARCOS MOSHINSKY BORODINASKY Laurrabaquio G.L.	JOURNAL OF MATHEMATICAL PHYSICS	1991
57	Art or science: The determination of the symmetry Lie algebra for a Hamiltonian with accidental degeneracy	MARCOS MOSHINSKY BORODINASKY Quesne C. Loyola G.	ANNALS OF PHYSICS	1990
58	Symmetry Lie algebra of the Dirac oscillator	MARCOS MOSHINSKY BORODINASKY Quesne C.	J PHYS A-MATH GEN	1990
59	The Dirac oscillator	MARCOS MOSHINSKY BORODINASKY Szczepaniak A.	J PHYS A-MATH GEN	1989
60	Relativistic symplectic model for scalar-quark systems	MARCOS MOSHINSKY BORODINASKY Szczepaniak A.	NUCL PHYS B-PROC SUP	1989
61	Collectivity and geometry. VI. Spectra and shapes in the three-dimensional case	PETER OTTO HESS BECHSTEDT MARCOS MOSHINSKY BORODINASKY Chacón E.	JOURNAL OF MATHEMATICAL PHYSICS	1989

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62	Wigner distribution functions and the representation of a non-bijective canonical transformation in quantum mechanics	MARCOS MOSHINSKY BORODINASKY Dirl R. Kasperkovitz P.	J PHYS A-MATH GEN	1988
63	Matrix representation of the generators of symplectic algebras. II. The general case with explicit results for $sp(6, R)$	MARCOS MOSHINSKY BORODINASKY Chacon E.	J PHYS A-MATH GEN	1987
64	Matrix representation of the generators of symplectic algebras. I. The case of $sp(4, R)$	OCTAVIO HECTOR CASTAÑOS GARZA MARCOS MOSHINSKY BORODINASKY	J PHYS A-MATH GEN	1987
65	Collectivity and geometry. V. Spectra and shapes in the two-dimensional case	PETER OTTO HESS BECHSTEDT MARCOS MOSHINSKY BORODINASKY Chacón E.	JOURNAL OF MATHEMATICAL PHYSICS	1987
66	Boson realization of $sp(4, R)$. II. The generating kernel formulation	OCTAVIO HECTOR CASTAÑOS GARZA MARCOS MOSHINSKY BORODINASKY Kramer P.	JOURNAL OF MATHEMATICAL PHYSICS	1986
67	Canonical transformations to action and angle variables and their representation in quantum mechanics IV. Periodic potentials	JORGE ALBERTO MARQUEZ FLORES GUILLERMO MONSIVAIS GALINDO MARCOS MOSHINSKY BORODINASKY et al.	ANNALS OF PHYSICS	1986
68	Boson realization of $sp(4)$. I. The matrix formulation	OCTAVIO HECTOR CASTAÑOS GARZA MARCOS MOSHINSKY BORODINASKY Chacón E. et al.	JOURNAL OF MATHEMATICAL PHYSICS	1985
69	Boson realisation of symplectic algebras	MARCOS MOSHINSKY BORODINASKY	J PHYS A-MATH GEN	1985
70	Pseudoatoms and atoms in strong magnetic fields	MARCOS MOSHINSKY BORODINASKY Méndez N. Murow E.	ANNALS OF PHYSICS	1985
71	Accidental degeneracy and symmetry lie algebra	MARCOS MOSHINSKY BORODINASKY Dirl R.	J PHYS A-MATH GEN	1985
72	Collectivity and geometry. IV. $Sp(6) ? Sp(2) \times O(3)$ basis states for open shells	MARCOS MOSHINSKY BORODINASKY Nicolescu M. Sharp R.T.	JOURNAL OF MATHEMATICAL PHYSICS	1985
73	Generating kernel for the boson realisation of symplectic algebras	OCTAVIO HECTOR CASTAÑOS GARZA MARCOS MOSHINSKY BORODINASKY Kramer P.	J PHYS A-MATH GEN	1985
74	Collectivity and geometry. II. The two-dimensional case	PETER OTTO HESS BECHSTEDT MARCOS MOSHINSKY BORODINASKY Chacón E.	JOURNAL OF MATHEMATICAL PHYSICS	1984
75	Collectivity and geometry. III. The three-dimensional case in the $Sp(6) ? Sp(2) \times O(3)$ chain for closed shells	OCTAVIO HECTOR CASTAÑOS GARZA MARCOS MOSHINSKY BORODINASKY Chacón E.	JOURNAL OF MATHEMATICAL PHYSICS	1984

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76	Analytic expressions for the matrix elements of generators of $Sp(6)$ in an $Sp(6) \supset U(3)$ basis	OCTAVIO HECTOR CASTAÑOS GARZA MARCOS MOSHINSKY BORODINASKY Chacón E.	JOURNAL OF MATHEMATICAL PHYSICS	1984
77	Collectivity and geometry. I. General approach	MARCOS MOSHINSKY BORODINASKY	JOURNAL OF MATHEMATICAL PHYSICS	1984
78	Accidental degeneracies in the zeeman effect and the symmetry groups	MARCOS MOSHINSKY BORODINASKY Méndez N. Murow E. et al.	ANNALS OF PHYSICS	1984
79	Symmetry, constrained bosons and collectivity	MARCOS MOSHINSKY BORODINASKY	NUCLEAR PHYSICS A	1984
80	Does accidental degeneracy imply a symmetry group?	MARCOS MOSHINSKY BORODINASKY Quesne C.	ANNALS OF PHYSICS	1983
81	Accidental degeneracies and symmetry groups	MARCOS MOSHINSKY BORODINASKY	Foundations Of Physics	1983
82	Relativistic collective variables for many-body systems	PETER OTTO HESS BECHSTEDT MARCOS MOSHINSKY BORODINASKY Greiner W. et al.	Journal Of Physics G: Nuclear Physics	1982
83	Macroscopic and microscopic nuclear collective Hamiltonians: Their symmetry group and the canonical transformations relating them	MARCOS MOSHINSKY BORODINASKY	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1982
84	Microscopic derivation of nuclear collective variables	OCTAVIO HECTOR CASTAÑOS GARZA ALEJANDRO FRANK HOEFELICH PETER OTTO HESS BECHSTEDT et al.	PHYSICAL REVIEW C	1982
85	Complete set of states for microscopic nuclear collective models	OCTAVIO HECTOR CASTAÑOS GARZA ALEJANDRO FRANK HOEFELICH PETER OTTO HESS BECHSTEDT et al.	JOURNAL OF MATHEMATICAL PHYSICS	1981
86	Decay of a compound particle and the einstein-podolsky-rosen argument	JORGE ALBERTO MARQUEZ FLORES PIER ACHILLE MELLO PICCO MARCOS MOSHINSKY BORODINASKY et al.	AMERICAN JOURNAL OF PHYSICS	1981
87	Confrontation of nuclear collective models	MARCOS MOSHINSKY BORODINASKY	NUCLEAR PHYSICS A	1981
88	Confrontations between the interacting boson approximation and the Bohr-Mottelson model	OCTAVIO HECTOR CASTAÑOS GARZA ALEJANDRO FRANK HOEFELICH PETER OTTO HESS BECHSTEDT et al.	PHYSICAL REVIEW C	1981
89	Wigner distribution functions and the representation of canonical transformations in quantum mechanics	GASTON DANIEL GARCIA Y CALDERON MARCOS MOSHINSKY BORODINASKY	J PHYS A-MATH GEN	1980
90	On the structure of phase space	MARCOS MOSHINSKY BORODINASKY THOMAS HENRY SELIGMAN SCHURCH	JOURNAL OF MATHEMATICAL PHYSICS	1980

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91	Canonical transformations relating the oscillator and Coulomb problems and their relevance for collective motions	MARCOS MOSHINSKY BORODINASKY THOMAS HENRY SELIGMAN SCHURCH	JOURNAL OF MATHEMATICAL PHYSICS	1980
92	Confrontation of macroscopic and microscopic nuclear collective models	MARCOS MOSHINSKY BORODINASKY Chacón E. Vanagas V.	JOURNAL OF MATHEMATICAL PHYSICS	1980
93	Confrontation of nuclear collective models	MARCOS MOSHINSKY BORODINASKY	NUCLEAR PHYSICS A	1980
94	Canonical transformation to action and angle variables and their representations	MARCOS MOSHINSKY BORODINASKY THOMAS HENRY SELIGMAN SCHURCH	J PHYS A-MATH GEN	1979
95	Quadratic Hamiltonians in phase space and their eigenstates a	MARCOS MOSHINSKY BORODINASKY Winternitz P.	JOURNAL OF MATHEMATICAL PHYSICS	1979
96	Canonical transformations to action and angle variables and their representation in quantum mechanics II. The coulomb problem	MARCOS MOSHINSKY BORODINASKY THOMAS HENRY SELIGMAN SCHURCH	ANNALS OF PHYSICS	1979
97	Canonical transformations to action and angle variables and their representations in quantum mechanics	MARCOS MOSHINSKY BORODINASKY THOMAS HENRY SELIGMAN SCHURCH	ANNALS OF PHYSICS	1978
98	Group theory of the interacting Boson model of the nucleus	ALEJANDRO FRANK HOEFlich MARCOS MOSHINSKY BORODINASKY Castaños O. et al.	JOURNAL OF MATHEMATICAL PHYSICS	1978
99	The gradient formula for the $O(5) \supset O(3)$ chain of groups	OCTAVIO HECTOR CASTAÑOS GARZA ALEJANDRO FRANK HOEFlich MARCOS MOSHINSKY BORODINASKY	JOURNAL OF MATHEMATICAL PHYSICS	1977
100	Nonbijective canonical transformations and their representation in quantum mechanics	MARCOS MOSHINSKY BORODINASKY THOMAS HENRY SELIGMAN SCHURCH Kramer P.	JOURNAL OF MATHEMATICAL PHYSICS	1977
101	Group theory of the collective model of the nucleus	MARCOS MOSHINSKY BORODINASKY Chacón E.	JOURNAL OF MATHEMATICAL PHYSICS	1976
102	Diffraction in time and the time-energy uncertainty relation	MARCOS MOSHINSKY BORODINASKY	AMERICAN JOURNAL OF PHYSICS	1976
103	Lie algebras in the Schrödinger picture and radial matrix elements	MARCOS MOSHINSKY BORODINASKY Chacón E. Levi D.	JOURNAL OF MATHEMATICAL PHYSICS	1975
104	$U(5) \supset O(5) \supset O(3)$ and the exact solution for the problem of quadrupole vibrations of the nucleus	MARCOS MOSHINSKY BORODINASKY Chacón E. Sharp R.T.	JOURNAL OF MATHEMATICAL PHYSICS	1975

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105	Everything you always wanted to know about $SU(3)$? $O(3)$	MARCOS MOSHINSKY BORODINASKY Patera J. Sharp R.T. et al.	ANNALS OF PHYSICS	1975
106	Canonical transformation and accidental degeneracy. III. A unified approach to the problem	MARCOS MOSHINSKY BORODINASKY Patera J. Winternitz P.	JOURNAL OF MATHEMATICAL PHYSICS	1974
107	Isotopic spin conservation and charge distribution in multipion production	MARCOS MOSHINSKY BORODINASKY Patera J. Sharp R.T. et al.	PHYSICAL REVIEW D	1974
108	Canonical transformations and accidental degeneracy. IV. Problems with continuous spectra	MARCOS MOSHINSKY BORODINASKY Patera J.	JOURNAL OF MATHEMATICAL PHYSICS	1974
109	Relations between hyperspherical and harmonic-oscillator many-body matrix elements	MARCOS MOSHINSKY BORODINASKY Levi D.	NUOVO CIMENTO A	1974
110	Nonlinear canonical transformations and their representations in quantum mechanics	PIER ACHILLE MELLO PICCO MARCOS MOSHINSKY BORODINASKY	JOURNAL OF MATHEMATICAL PHYSICS	1974
111	Equivalence of a class of Wigner coefficients of $SU(1,1)$ with those of $SU(2)$	MARCOS MOSHINSKY BORODINASKY Chacón E. Levi D.	JOURNAL OF MATHEMATICAL PHYSICS	1974
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113	Canonical transformations and accidental degeneracy. I. The anisotropic oscillator	MARCOS MOSHINSKY BORODINASKY KURT BERNARDO WOLF BOGNER Louck J.D.	JOURNAL OF MATHEMATICAL PHYSICS	1973
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115	Implications of classical ergodicity in quantum mechanics	PIER ACHILLE MELLO PICCO MARCOS MOSHINSKY BORODINASKY	ANNALS OF PHYSICS	1972
116	Test of the many-electron theory of atoms in an exactly solvable model	ALIPIO GUSTAVO CALLES MARTINEZ MARCOS MOSHINSKY BORODINASKY OCTAVIO AUGUSTO NOVARO Y PEÑALOZA et al.	PHYSICS LETTERS A	1972
117	Canonical transformations and the radial oscillator and Coulomb problems	MARCOS MOSHINSKY BORODINASKY THOMAS HENRY SELIGMAN SCHURCH KURT BERNARDO WOLF BOGNER	JOURNAL OF MATHEMATICAL PHYSICS	1972
118	$O(4)$ and $U(3)$ symmetry breaking in the $2s-2p$ shell	MARCOS MOSHINSKY BORODINASKY OCTAVIO AUGUSTO NOVARO Y PEÑALOZA Chacon E. et al.	PHYSICAL REVIEW A	1971
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120	Linear canonical transformations and their unitary representations	MARCOS MOSHINSKY BORODINASKY Quesne C.	JOURNAL OF MATHEMATICAL PHYSICS	1971
121	Mechanical Models for Reactions Involving Isobaric Analog and Doorway States	PIER ACHILLE MELLO PICCO MARCOS MOSHINSKY BORODINASKY	AMERICAN JOURNAL OF PHYSICS	1971
122	Group theory and second quantization for nonorthogonal orbitals	MARCOS MOSHINSKY BORODINASKY THOMAS HENRY SELIGMAN SCHURCH	ANNALS OF PHYSICS	1971
123	Noninvariance groups in the second-quantization picture and their applications	MARCOS MOSHINSKY BORODINASKY Quesne C.	JOURNAL OF MATHEMATICAL PHYSICS	1970
124	Correlation effects in the α -particle	MARCOS MOSHINSKY BORODINASKY Aguilera-Navarro V.C.	PHYSICS LETTERS B	1970
125	General approach to fractional parentage coefficients	MARCOS MOSHINSKY BORODINASKY Syamala Devi V.	JOURNAL OF MATHEMATICAL PHYSICS	1969
126	Generalization to arbitrary groups of the relation between seniority and quasispin	MARCOS MOSHINSKY BORODINASKY Quesne C.	PHYSICS LETTERS B	1969
127	Harmonic-oscillator states and the α particle II. Configuration-space states of arbitrary symmetry	MARCOS MOSHINSKY BORODINASKY Aguilera-Navarro V.C. Kramer P.	ANNALS OF PHYSICS	1969
128	Harmonic-oscillator states and the α particle I. Form factor for symmetric states in configuration space	MARCOS MOSHINSKY BORODINASKY Aguilera-Navarro V.C. Yeh W.W.	ANNALS OF PHYSICS	1969
129	Group theory of harmonic oscillators. (v). The harmonic oscillator shell model	MARCOS MOSHINSKY BORODINASKY Kramer P.	NUCLEAR PHYSICS A	1969
130	Group theory of harmonic oscillators. (IV). Dynamics of the two-, three- and four-particle systems	MARCOS MOSHINSKY BORODINASKY Kramer P.	NUCLEAR PHYSICS A	1968
131	Harmonic oscillator in atomic and molecular physics	MARCOS MOSHINSKY BORODINASKY OCTAVIO AUGUSTO NOVARO Y PEÑALOZA	JOURNAL OF CHEMICAL PHYSICS	1968
132	How Good is the Hartree-Fock Approximation	MARCOS MOSHINSKY BORODINASKY	AMERICAN JOURNAL OF PHYSICS	1968
133	Studies on nuclear structure in the 2s-1d shell. (III). Group theory and particle-hole states	JORGE ALBERTO MARQUEZ FLORES MARCOS MOSHINSKY BORODINASKY	NUCLEAR PHYSICS A	1967
134	Gelfand states and the irreducible representations of the symmetric group	MARCOS MOSHINSKY BORODINASKY	JOURNAL OF MATHEMATICAL PHYSICS	1966

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135	Energy levels of the four nucleon system	MARCOS MOSHINSKY BORODINASKY Kramer P.	Physics Letters	1966
136	Representations of finite U_3 transformations	MARCOS MOSHINSKY BORODINASKY Chacón E.	Physics Letters	1966
137	Group theory of harmonic oscillators (III). States with permutational symmetry	MARCOS MOSHINSKY BORODINASKY Kramer P.	Nuclear Physics	1966
138	Operators that lower or raise the irreducible vector spaces of U_{n-1} contained in an irreducible vector space of U_n	MARCOS MOSHINSKY BORODINASKY Nagel J.G.	JOURNAL OF MATHEMATICAL PHYSICS	1965
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144	Theoretical analysis of the energy levels in Ne_{20}	MARCOS MOSHINSKY BORODINASKY Chacon E.	Physics Letters	1962
145	Soluble many-body problem for particles in a coulomb potential	MARCOS MOSHINSKY BORODINASKY	Physical Review	1962
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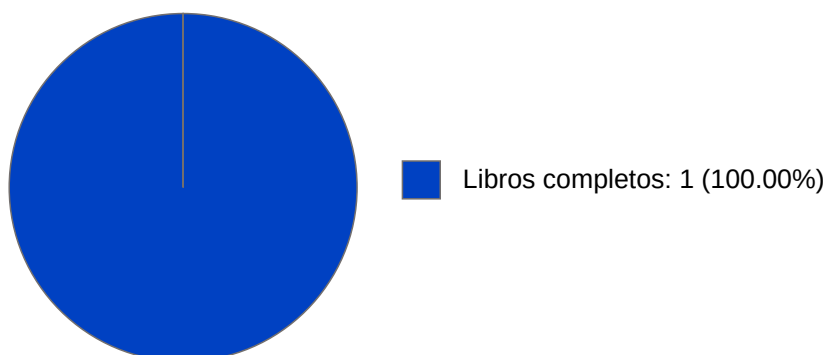
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153	Short range forces and nuclear shell theory	MARCOS MOSHINSKY BORODINASKY	Nuclear Physics	1958
154	Repulsive core and nuclear shell theory	MARIANO VICTOR BAUER EPHRUSSI MARCOS MOSHINSKY BORODINASKY	Nuclear Physics	1957
155	Velocity-dependent forces and nuclear structure. I. Central forces	MARCOS MOSHINSKY BORODINASKY	Physical Review	1957
156	Poles of the s matrix for resonance reactions	MARCOS MOSHINSKY BORODINASKY	Physical Review	1953
157	Diffraction in time	MARCOS MOSHINSKY BORODINASKY	Physical Review	1952
158	Quantum mechanics in fock space	MARCOS MOSHINSKY BORODINASKY	Physical Review	1951
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160	Boundary conditions and time-dependent states	MARCOS MOSHINSKY BORODINASKY	Physical Review	1951
161	On the interactions of Birkhoff's gravitational field with the electromagnetic and pair fields	MARCOS MOSHINSKY BORODINASKY	Physical Review	1950

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Latin-American School of Physics XL ELAF: symmetries in physics: Mexico City, Mexico, 26 July-6 August 2010	MARCOS MOSHINSKY BORODINASKY	Libro Completo	2011	9780735408906



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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	2008-2025
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