



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



ALBERTO ROBLEDO NIETO

Datos Generales

Nombre: ALBERTO ROBLEDO NIETO

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 54 años

Nombramientos

Vigente: INVESTIGADOR TITULAR C TC Definitivo
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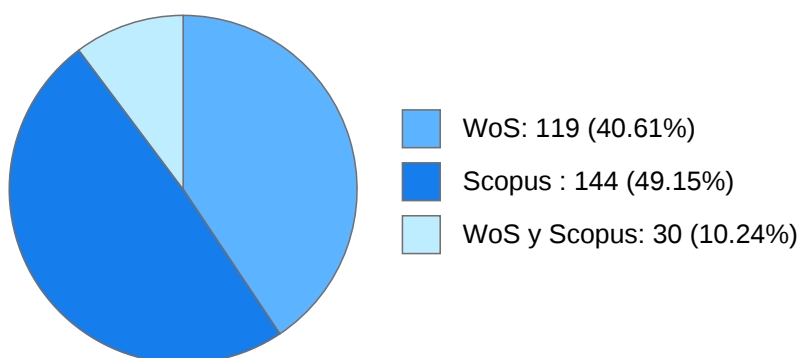
Estímulos, programas, premios y reconocimientos

SNI Emérito 2014 - VIGENTE
SNI III - 2013
PRIDE D - 2024
PASPA Estancias Sabáticas 2010 - 2011
PUN Investigación en ciencias exactas 2000

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	A Nonlinear Dynamical View of Kleiber's Law on the Metabolism of Plants and Animals	ALBERTO ROBLEDO NIETO Camacho-Vidales L.J.	ENTROPY	2024
2	Number theory, borderline dimension and extensive entropy in distributions of ranked data	CARLOS BRUNO VELARDE VELAZQUEZ ALBERTO ROBLEDO NIETO	PLOS ONE	2022
3	How, Why and When Tsallis Statistical Mechanics Provides Precise Descriptions of Natural Phenomena	ALBERTO ROBLEDO NIETO CARLOS BRUNO VELARDE VELAZQUEZ	ENTROPY	2022
4	Logistic map trajectory distributions: Renormalization-group, entropy, and criticality at the transition to chaos	ALVARO PATRICIO DIAZ RUELAS ALBERTO ROBLEDO NIETO Baldovin F.	Chaos	2021
5	Statistical mechanical model for growth and spread of contagions under gauged population confinement	CARLOS BRUNO VELARDE VELAZQUEZ ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2021
6	Invariant density of intermittent nonlinear maps descriptive of coherent quantum transport through disorderless lattices	VICTOR DOMINGUEZ ROCHA RAFAEL ALBERTO MENDEZ SANCHEZ MOISES MARTINEZ MARES et al.	PHYSICA D-NONLINEAR PHENOMENA	2020
7	Dynamical analogues of rank distributions	CARLOS BRUNO VELARDE VELAZQUEZ ALBERTO ROBLEDO NIETO	PLOS ONE	2019

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8	Self-organization and a constrained thermal system analogue of the onset of chaos	ALBERTO ROBLEDO NIETO	EPL	2018
9	Manifestations of the onset of chaos in condensed matter and complex systems	CARLOS BRUNO VELARDE VELAZQUEZ ALBERTO ROBLEDO NIETO	EUROPEAN PHYSICAL JOURNAL-SPECI AL TOPICS	2018
10	Relating high dimensional stochastic complex systems to low-dimensional intermittency	ALVARO PATRICIO DIAZ RUELAS ALBERTO ROBLEDO NIETO Jensen, Henrik Jeldtoft et al.	EUROPEAN PHYSICAL JOURNAL-SPECI AL TOPICS	2017
11	Typical length scales in conducting disorderless networks	ALBERTO ROBLEDO NIETO Martinez-Mares, M. Dominguez-Rocha, V.	EUROPEAN PHYSICAL JOURNAL-SPECI AL TOPICS	2017
12	Dual characterization of critical fluctuations: Density functional theory & nonlinear dynamics close to a tangent bifurcation	ALBERTO ROBLEDO NIETO Riquelme-Galvan, Mauricio	EUROPEAN PHYSICAL JOURNAL-SPECI AL TOPICS	2017
13	Rank distributions: Frequency vs. magnitude	CARLOS BRUNO VELARDE VELAZQUEZ ALBERTO ROBLEDO NIETO	PLOS ONE	2017
14	Sums of variables at the onset of chaos, replenished	ALVARO PATRICIO DIAZ RUELAS ALBERTO ROBLEDO NIETO	EUROPEAN PHYSICAL JOURNAL-SPECI AL TOPICS	2016
15	Tangent map intermittency as an approximate analysis of intermittency in a high dimensional fully stochastic dynamical system: The Tangled Nature model	ALVARO PATRICIO DIAZ RUELAS ALBERTO ROBLEDO NIETO Jensen, Henrik Jeldtoft et al.	Chaos	2016
16	Pascal (Yang Hui) triangles and power laws in the logistic map	CARLOS BRUNO VELARDE VELAZQUEZ ALBERTO ROBLEDO NIETO	GIREP-ICPE-EPE C-MPTL 2019	2015
17	Entropies for severely contracted configuration space	CARLOS BRUNO VELARDE VELAZQUEZ ALBERTO ROBLEDO NIETO G. Cigdem Yalcin	Heliyon	2015
18	Sums of variables at the onset of chaos	ALBERTO ROBLEDO NIETO Fuentes, Miguel Angel	EUROPEAN PHYSICAL JOURNAL B	2014
19	Emergent statistical-mechanical structure in the dynamics along the period-doubling route to chaos	ALVARO PATRICIO DIAZ RUELAS ALBERTO ROBLEDO NIETO	EPL	2014

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20	Incidence of q statistics in rank distributions	ALBERTO ROBLEDO NIETO Yalcin, G. Cigdem Gell-Mann, Murray	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2014
21	Scaling of distributions of sums of positions for chaotic dynamics at band-splitting points	ALVARO PATRICIO DIAZ RUELAS ALBERTO ROBLEDO NIETO Angel Fuentes, Miguel	EPL	2014
22	Quasiperiodic graphs: Structural design, scaling and entropic properties	ALBERTO ROBLEDO NIETO Luque, B. Ballesteros, F. J. et al.	JOURNAL OF NONLINEAR SCIENCE	2013
23	Quasiperiodic graphs at the onset of chaos	ALBERTO ROBLEDO NIETO Luque, B. Cordero-Gracia, M. et al.	PHYSICAL REVIEW E	2013
24	Generalized statistical mechanics at the onset of chaos	ALBERTO ROBLEDO NIETO	ENTROPY	2013
25	Horizontal visibility graphs generated by type-I intermittency	ALBERTO ROBLEDO NIETO Núñez A.M. Luque B. et al.	PHYSICAL REVIEW E	2013
26	Analytical properties of horizontal visibility graphs in the Feigenbaum scenario	ALBERTO ROBLEDO NIETO Luque, Bartolo Lacasa, Lucas et al.	Chaos	2012
27	Mobius transformations and electronic transport properties of large disorderless networks	ALBERTO ROBLEDO NIETO Jiang, Yu Martinez-Mares, M. et al.	PHYSICAL REVIEW E	2012
28	Feigenbaum graphs at the onset of chaos	ALBERTO ROBLEDO NIETO Luque, Bartolo Lacasa, Lucas	PHYSICS LETTERS A	2012
29	Statistical-mechanical structure for renewal stochastic processes	ALBERTO ROBLEDO NIETO Velázquez J.	International Journal of Applied Mathematics and Statistics	2012
30	A dynamical model for hierarchy and modular organization: The trajectories en route to the attractor at the transition to chaos	ALBERTO ROBLEDO NIETO	GIREP-ICPE-EPE C-MPTL 2019	2012
31	Renewal stochastic processes with correlated events: Phase transitions along time evolution	Jorge Velazquez ALBERTO ROBLEDO NIETO	PHYSICAL REVIEW E	2011
32	Possible thermodynamic structure underlying the laws of Zipf and Benford	CARLO ANDRES ALTAMIRANO ALLENDE ALBERTO ROBLEDO NIETO	EUROPEAN PHYSICAL JOURNAL B	2011

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33	Chaos and Unpredictability in Evolutionary Dynamics in Discrete Time	ALBERTO ROBLEDO NIETO Vilone, Daniele Sanchez, Angel	PHYSICAL REVIEW LETTERS	2011
34	Feigenbaum Graphs: A Complex Network Perspective of Chaos	ALBERTO ROBLEDO NIETO Luque, Bartolo Lacasa, Lucas et al.	PLOS ONE	2011
35	Laws of Zipf and Benford, intermittency, and critical fluctuations	ALBERTO ROBLEDO NIETO	CHINESE SCI BULL	2011
36	Renormalization group structure for sums of variables generated by incipiently chaotic maps	ALBERTO ROBLEDO NIETO Angel Fuentes, Miguel	JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT	2010
37	Stationary distributions of sums of marginally chaotic variables as renormalization group fixed points	ALBERTO ROBLEDO NIETO Fuentes M.A.	GIREP-ICPE-EPE C-MPTL 2019	2010
38	Q-deformed statistical-mechanical structure in the dynamics of the Feigenbaum attractor	ALBERTO ROBLEDO NIETO	GIREP-ICPE-EPE C-MPTL 2019	2010
39	Generalized thermodynamics underlying the laws of Zipf and Benford	CARLO ANDRES ALTAMIRANO ALLENDE ALBERTO ROBLEDO NIETO	Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering	2009
40	Labyrinthine pathways towards supercycle attractors in unimodal maps	D. Silva ALBERTO ROBLEDO NIETO Moyano, Luis G.	CENTRAL EUROPEAN JOURNAL OF PHYSICS	2009
41	Dynamics towards the Feigenbaum attractor	ALBERTO ROBLEDO NIETO Moyano, L. G.	Brazilian Journal Of Physics	2009
42	Equivalence between the mobility edge of electronic transport on disorderless networks and the onset of chaos via intermittency in deterministic maps	ALBERTO ROBLEDO NIETO Martinez-Mares, M.	PHYSICAL REVIEW E	2009
43	q-deformed statistical-mechanical property in the dynamics of trajectories en route to the Feigenbaum attractor	ALBERTO ROBLEDO NIETO Moyano, L. G.	PHYSICAL REVIEW E	2008
44	Some aspects of the dynamics towards the supercycle attractors and their accumulation point, the Feigenbaum attractor	ALBERTO ROBLEDO NIETO Moyano L.G.	AIP Conference Proceedings	2007

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45	q-statistical properties of large critical clusters	ALBERTO ROBLEDO NIETO	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2007
46	Critical attractors and the physical realm of q-statistics	ALBERTO ROBLEDO NIETO	Studies in Fuzziness and Soft Computing	2006
47	Incidence of nonextensive thermodynamics in temporal scaling at Feigenbaum points	ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2006
48	Fluctuating dynamics at the quasiperiodic onset of chaos, Tsallis q-statistics and Mori's q-phase thermodynamics	ALBERTO ROBLEDO NIETO Hernández-Saldaña H.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2006
49	A recent appreciation of the singular dynamics at the edge of chaos	ALBERTO ROBLEDO NIETO Mayoral E.	Understanding Complex Systems Springer Complexity	2006
50	Unorthodox properties of critical clusters	ALBERTO ROBLEDO NIETO	MOLECULAR PHYSICS	2005
51	Crossover from critical to chaotic attractor dynamics in logistic and circle maps	ALBERTO ROBLEDO NIETO	Complexity And Nonextensivity: New Trends In Statistical Mechanics - Proceedings Of The International Workshop, C	2005
52	Parallels between the dynamics at the noise-perturbed onset of chaos in logistic maps and the dynamics of glass formation	ALBERTO ROBLEDO NIETO Baldovin F.	PHYSICAL REVIEW E	2005
53	Intermittency at critical transitions and aging dynamics at the onset of chaos	ALBERTO ROBLEDO NIETO	PRAMANA-JOURNAL OF PHYSICS	2005
54	Tsallis's q index and Mori's q phase transitions at the edge of chaos	ALBERTO ROBLEDO NIETO Mayoral E.	PHYSICAL REVIEW E	2005
55	Glassy dynamics at the onset of chaos with additive noise	ALBERTO ROBLEDO NIETO Baldovin F.	FLUCT NOISE LETT	2005

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56	Criticality in nonlinear one-dimensional maps: RG universal map and nonextensive entropy	ALBERTO ROBLEDO NIETO	PHYSICA D-NONLINEAR PHENOMENA	2004
57	Multifractality and nonextensivity at the edge of chaos of unimodal maps	ALBERTO ROBLEDO NIETO Mayoral E.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2004
58	Universal glassy dynamics at noise-perturbed onset of chaos: A route to ergodicity breakdown	ALBERTO ROBLEDO NIETO	PHYSICS LETTERS A	2004
59	Aging at the edge of chaos: Glassy dynamics and nonextensive statistics	ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2004
60	Nonextensive Pesin identity: Exact renormalization group analytical results for the dynamics at the edge of chaos of the logistic map	ALBERTO ROBLEDO NIETO Baldovin F.	PHYSICAL REVIEW E	2004
61	Critical fluctuations, intermittent dynamics and Tsallis statistics	ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2004
62	Ubiquity of metastable-to-stable crossover in weakly chaotic dynamical systems	ALBERTO ROBLEDO NIETO Baldovin F. Moyano L.G. et al.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2004
63	Revisiting disorder and tsallis statistics [3]	ALBERTO ROBLEDO NIETO Abe S. Rajagopal A.K. et al.	Science	2003
64	Universal renormalization-group dynamics at the onset of chaos in logistic maps and nonextensive statistical mechanics	ALBERTO ROBLEDO NIETO Baldovin F.	PHYSICAL REVIEW E	2002
65	Scale-invariant random-walks and optimization of non-extensive entropy	ALBERTO ROBLEDO NIETO JACQUELINE QUINTANA HINOJOSA	CHAOS SOLITONS & FRACTALS	2002

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66	Stability of curved amphiphilic interfaces	CARMEN JOSEFA LUCIANA VAREA Y GILBERT ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2002
67	Physica A: Statistical Mechanics and its Applications – Foreword	ALBERTO ROBLEDO NIETO Barbosa M.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2002
68	Sensitivity to initial conditions at bifurcations in one-dimensional nonlinear maps: Rigorous nonextensive solutions	ALBERTO ROBLEDO NIETO Baldovin F.	EPL	2002
69	The renormalization group and optimization of non-extensive entropy: Criticality in non-linear one-dimensional maps	ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2002
70	Surface transitions under confinement	JACQUELINE QUINTANA HINOJOSA ALBERTO ROBLEDO NIETO	JOURNAL OF PHYSICS-COND ENSED MATTER	2002
71	Fluctuations and instabilities of model amphiphile interfaces	CARMEN JOSEFA LUCIANA VAREA Y GILBERT ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2001
72	Theory of interfacial bending constants	CARMEN JOSEFA LUCIANA VAREA Y GILBERT ALBERTO ROBLEDO NIETO	JOURNAL OF PHYSICS-COND ENSED MATTER	2001
73	Anomalous transport, the renormalization group and optimization of entropy	ALBERTO ROBLEDO NIETO JACQUELINE QUINTANA HINOJOSA	GRANULAR MATTER	2001
74	Confinement induced immiscibility of mixtures of enantiomers	JACQUELINE QUINTANA HINOJOSA ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2001
75	The renormalization group and optimization of entropy	ALBERTO ROBLEDO NIETO	JOURNAL OF STATISTICAL PHYSICS	2000

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76	Density fluctuations and correlations of confined fluids	CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1999
77	Arrested phase separation and phase equilibrium properties of microemulsions	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILABERT	NUOVO CIMENTO D	1999
78	Renormalization group, entropy optimization, and nonextensivity at criticality	ALBERTO ROBLEDO NIETO	PHYSICAL REVIEW LETTERS	1999
79	Fluctuations and instabilities of curved interfaces	CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1998
80	Landau density functional theory for one-dimensional inhomogeneities	ALBERTO ROBLEDO NIETO JACQUELINE QUINTANA HINOJOSA	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1998
81	Phase properties of nematics confined by competing walls	JACQUELINE QUINTANA HINOJOSA ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1998
82	Kinetics of phase change in binary mixtures with complete wetting interfaces	JACQUELINE QUINTANA HINOJOSA ALBERTO ROBLEDO NIETO	MOLECULAR PHYSICS	1998
83	Enhanced amphiphile adsorption at liquid-liquid interfaces in a micellar solution model	CONSUELO GARCIA ALCANTARA CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1998
84	Interfacial and capillary properties of a micellar solution model	CARMEN JOSEFA LUCIANA VAREA Y GILABERT CONSUELO GARCIA ALCANTARA ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1997
85	Interfacial width and shape fluctuations and extensions of the Gaussian model of capillary waves	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILABERT	JOURNAL OF STATISTICAL PHYSICS	1997

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86	Spinodal decomposition under confinement	CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO Campos-Terán J.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1997
87	Can the Helfrich free energy for curved interfaces be derived from first principles?	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILABERT	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1996
88	Stress tensor of inhomogeneous fluids	CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1996
89	Bending rigidities and spontaneous curvature for a spherical interface	CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1995
90	Scaling properties of the capillary-wave model with interfacial bending rigidity	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILABERT	MOLECULAR PHYSICS	1995
91	Free energy expressions for a spherical interface	CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO	MOLECULAR PHYSICS	1995
92	Universality and the contact line at first-order wetting transitions	ALBERTO ROBLEDO NIETO Indekeu J.O.	EPL	1994
93	Magnetic anisotropy and superconductivity in a model for high-T _c copper oxides	ALBERTO ROBLEDO NIETO	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	1994
94	Strongly coupled Ising chain under a weak random field	PIER ACHILLE MELLO PICCO ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1993
95	Erratum: Microscopic expressions for interfacial bending constants and spontaneous curvature (Physical Review E (1993) 48,2)	VICTOR MANUEL ROMERO ROCHIN CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO	PHYS REV E	1993
96	Magnitude of the prewetting boundary tension near wetting for short-range forces	CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO	PHYS REV E	1993

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97	Stress tensor of curved interfaces	VICTOR MANUEL ROMERO ROCHIN CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO	MOLECULAR PHYSICS	1993
98	Hyperscaling and nonclassical exponents for the line tension at wetting	ALBERTO ROBLEDO NIETO Indekeu J.O.	PHYS REV E	1993
99	Extended capillary-wave model for the liquid-vapor interface and its width in the limit of vanishing gravity	VICTOR MANUEL ROMERO ROCHIN CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1992
100	Evidence for the divergence of the line tension at the wetting transition	CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO	PHYSICAL REVIEW A	1992
101	Wetting transition for the contact line and Antonovs rule for the line tension	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILABERT Indekeu J.O.	PHYSICAL REVIEW A	1992
102	Statistical mechanics of the line tension	CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1992
103	Density functional theory beyond the surface tension. Interfacial width, elastic bending constants and line tension	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILABERT VICTOR MANUEL ROMERO ROCHIN	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1991
104	Asymmetric solubility loops and anomalous geometry at the lower critical point in a model micellar solution.	ALBERTO ROBLEDO NIETO GUSTAVO CARLOS MARTINEZ MEKLER CARMEN JOSEFA LUCIANA VAREA Y GILABERT	EPL	1991
105	Microscopic expressions for interfacial bending constants and spontaneous curvature	CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO Romero-Rochin V.	PHYSICAL REVIEW A	1991
106	Curvature interfacial transitions in amphiphile monolayers and their possible relation to the onset of micelle formation	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILABERT Talanquer V.	PHYSICAL REVIEW A	1991
107	The hard-sphere order-disorder transition in the bethe continuum	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILABERT	JOURNAL OF STATISTICAL PHYSICS	1991
108	Uncommon source of corrections to scaling for micellar solution critical behavior	GUSTAVO CARLOS MARTINEZ MEKLER ALBERTO ROBLEDO NIETO Al-Noaimi G.F.	PHYSICAL REVIEW A	1990

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109	Spin-hole model with magnetic vortex-antivortex pairing mechanism for cooper-oxide superconductors	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILABERT	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	1990
110	Magnetic vortex-antivortex pairing mechanism for doped La ₂ CuO ₄	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILABERT	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	1989
111	Sublattice-ordered phases in a lattice model for a micellar solution	CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO Talanquer V.	PHYSICAL REVIEW B	1989
112	Sublattice-ordered phases of Griffiths's three-component model	CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO Talanquer V.	PHYSICAL REVIEW B	1989
113	Global phase diagram for binary alloys with one magnetic component	CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO Talanquer V.	PHYSICAL REVIEW B	1989
114	Global behavior of the diffusion coefficient for the Van Der Waals binary mixture	MARIA EUGENIA HERMINIA COSTAS BASIN ALBERTO ROBLEDO NIETO ROLANDO CRISOSTOMO CASTILLO CABALLERO	INTERNATIONAL JOURNAL OF THERMOPHYSICS	1989
115	High-T _c superconductivity at twin boundaries in a Landau-Ginzburg superconductor oxide model	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILABERT	PHYSICAL REVIEW B	1988
116	Possibility of continuous wetting transition at the liquid-vapour interface of the binary liquid mixture cyclohexane + acetonitrile	CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO Trejo L.M. et al.	EPL	1988
117	Spin Ising transcription of a lattice model of micellar solutions	ALBERTO ROBLEDO NIETO	PHYSICAL REVIEW A	1987
118	Critical magnetization at antiphase boundaries of magnetic binary alloys	CARMEN JOSEFA LUCIANA VAREA Y GILABERT ALBERTO ROBLEDO NIETO	PHYSICAL REVIEW B	1987
119	A Nonlocal Theory of Irreversible Thermodynamics I. Hydrodynamics of a One Component Fluid	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILABERT	JOURNAL OF NON-EQUILIBRIUM THERMODYNAMICS	1987
120	Transient foaminess, aggregate formation, and wetting behavior in water-phenol mixtures	JESUS GRACIA SANCHEZ ALBERTO ROBLEDO NIETO Guerrero C. et al.	J PHYS CHEM-US	1986
121	The distribution of hard rods on a line of finite length	ALBERTO ROBLEDO NIETO Rowlinson J.S.	MOLECULAR PHYSICS	1986

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122	Exact thermodynamic correspondence between a lattice model microemulsion and simpler spin systems	ALBERTO ROBLEDO NIETO	EPL	1986
123	Relationships between the phase behavior of lattice models of amphiphile mixtures and Griffiths three-component model	CARMEN JOSEFA LUCIANA VAREA Y GILBERT ALBERTO ROBLEDO NIETO	PHYSICAL REVIEW A	1986
124	Interfacial critical phenomena at semipermeable membranes	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILBERT Martina E.	PHYSICAL REVIEW B	1985
125	Wetting regimes at a semipermeable membrane	CARMEN JOSEFA LUCIANA VAREA Y GILBERT ALBERTO ROBLEDO NIETO Martina E.	PHYSICAL REVIEW A	1985
126	Pinning of antiphase boundaries at the cleaved (001) surface of an L20 ordering alloy	LUIS ALBERTO VICENTE HINESTROZA CARMEN JOSEFA LUCIANA VAREA Y GILBERT ALBERTO ROBLEDO NIETO	SURFACE SCIENCE	1985
127	ROUGENING TRANSITION AND FORMATION OF BICONTINUOUS STRUCTURES OF IMMISCIBLE SOLVENTS EMBEDDED IN SURFACTANT DIBLOCK COPOLYMERS.	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILBERT Martina E.	J Phys (paris) Lett	1985
128	Prewetting in partially miscible liquids and the structure and thermodynamics of transient foams and aerosols	JESUS GRACIA SANCHEZ CARMEN JOSEFA LUCIANA VAREA Y GILBERT ALBERTO ROBLEDO NIETO	J PHYS CHEM-US	1984
129	Global phase diagram for the wetting transition at interfaces in fluid mixtures	MARIA EUGENIA HERMINIA COSTAS BASIN CARMEN JOSEFA LUCIANA VAREA Y GILBERT ALBERTO ROBLEDO NIETO	PHYSICAL REVIEW LETTERS	1983
130	Kinetics of phase change in a model binary alloy	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILBERT	PHYSICAL REVIEW B	1982
131	On the relationship between the density functional formalism and the potential distribution theory for nonuniform fluids	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILBERT	JOURNAL OF STATISTICAL PHYSICS	1981
132	Nucleation, spinodal decomposition, and interface motion in the van der Waals fluid	CARMEN JOSEFA LUCIANA VAREA Y GILBERT ALBERTO ROBLEDO NIETO	JOURNAL OF CHEMICAL PHYSICS	1981
133	The liquid-solid transition of the hard sphere system from uniformity of the chemical potential	ALBERTO ROBLEDO NIETO	JOURNAL OF CHEMICAL PHYSICS	1980
134	Tight-binding Green's functions for surfaces, thin films, and solid interfaces. A random-walk theory approach	ALBERTO ROBLEDO NIETO CARMEN JOSEFA LUCIANA VAREA Y GILBERT	PHYSICAL REVIEW B	1980
135	Pair correlations for a hard core lattice gas against a hard wall	ALBERTO ROBLEDO NIETO	MOLECULAR PHYSICS	1980

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136	Rigorous interface properties for the van der Waals fluid mixture	CARMEN JOSEFA LUCIANA VAREA Y GILBERT ALBERTO ROBLEDO NIETO Valderrama A.	JOURNAL OF CHEMICAL PHYSICS	1980
137	Surface electronic Green's functions in terms of the bulk Green's function via random-walk theory	CARMEN JOSEFA LUCIANA VAREA Y GILBERT ALBERTO ROBLEDO NIETO	PHYSICAL REVIEW B	1979
138	Random walks, the Ornstein-Zernike equation, and the condensation of a one-dimensional lattice gas	ALBERTO ROBLEDO NIETO Budgor A.B.	AMERICAN JOURNAL OF PHYSICS	1978
139	Multiple trapping of random walkers on periodic lattices	ALBERTO ROBLEDO NIETO Woodhouse L.	JOURNAL OF STATISTICAL PHYSICS	1978
140	Random-walk theory and ordered phases in lattice-gas systems	ALBERTO ROBLEDO NIETO Farquhar I.E.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1976
141	On the relationship between continuous time random walks and the non-equilibrium Ornstein-Zernike equation	ALBERTO ROBLEDO NIETO Budgor A.B.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1976
142	Random-walk theory and correlation functions in classical statistical mechanics	ALBERTO ROBLEDO NIETO Farquhar I.E.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1976
143	Random-walk theory and the decay of pair correlations in Ornstein-Zernike lattice systems	ALBERTO ROBLEDO NIETO Farquhar I.E.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1976
144	Random-walk theory and Ornstein-Zernike systems with extended-core potentials	ALBERTO ROBLEDO NIETO Farquhar I.E.	JOURNAL OF CHEMICAL PHYSICS	1974

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN

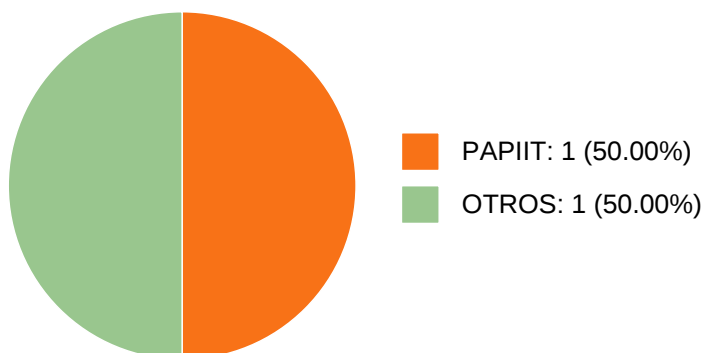


#	Título	Autores	Alcance	Año	ISBN
1	Entropy and Renormalization in Chaotic Visibility Graphs	ALBERTO ROBLEDO NIETO Luque B. Ballesteros F.J. et al.	Capítulo de un Libro	2016	9783527693245
2	Entropy and renormalization in chaotic visibility graphs	ALBERTO ROBLEDO NIETO	Capítulo de un Libro	2015	9783527339099
3	Glassy dynamics at the edge of chaos	ALBERTO ROBLEDO NIETO	Capítulo de un Libro	2005	9781860947209

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

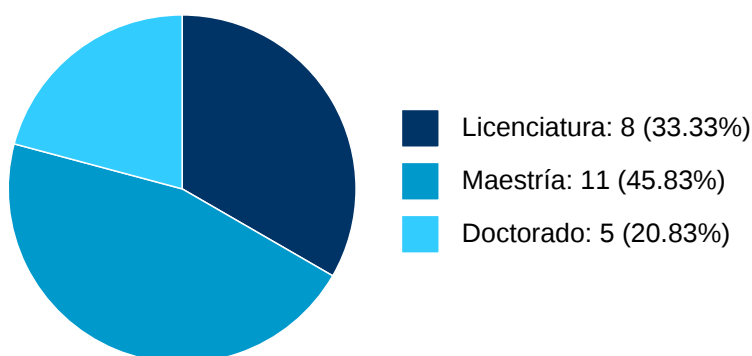


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Accesos vía dinámica no lineal a fronteras del conocimiento en los sistemas complejos. A	ALBERTO ROBLEDO NIETO	Recursos PAPIIT	01-01-2020	31-12-2022
2	Accesos vía dinámica no lineal a fronteras del conocimiento en los sistemas complejos. B	ALBERTO ROBLEDO NIETO	Recursos CONAHCyT	20-10-2020	24-07-2023

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Cascadas de duplicación de periodos y de bandas caóticas en mapeos unimodales de no linealidad z distinto de 2	Tesis de Licenciatura	ALBERTO ROBLEDO NIETO,	Martín Jiménez, Luis Enrique,	Instituto de Física,	2021
2	Posible estructura termodinámica subyacente a las leyes de Zipf y Benford	Tesis de Maestría	ALBERTO ROBLEDO NIETO,	Altamirano Allende, Carlo Andrés,	Instituto de Física,	2019
3	Statistics, dynamics and effective degrees of freedom of complex systems models	Tesis de Doctorado	ALBERTO ROBLEDO NIETO,	Díaz Ruelas, Álvaro Patricio,	Instituto de Física,	2018
4	Mecánica estadística y dinámica no lineal de cúmulos críticos	Tesis de Maestría	ALBERTO ROBLEDO NIETO,	Riquelme Galván, Mauricio,	Instituto de Física,	2016
5	Termoestadística de procesos de renovación, caminatas aleatorias y procesos multiplicativos	Tesis de Doctorado	ALBERTO ROBLEDO NIETO,	IVAN SANTAMARIA HOLEK, Velázquez Castro, Jorge,	Facultad de Ciencias, Instituto de Física,	2011

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6	Mecánica estadística generalizada en atractores críticos de mapeos acoplados	Tesis de Maestría	ALBERTO ROBLEDO NIETO,	Palma Aramburu, Nicolás,	Instituto de Física,	2010
7	Leyes de potencias bajo la mecánica estadística no extensiva : Ley de Zipf y Ley de Benford	Tesis de Licenciatura	ALBERTO ROBLEDO NIETO,	Altamirano Allende, Carlo Andrés,	Instituto de Física,	2008
8	La dinamica asociada a atractores superestables en mapeos no lineales	Tesis de Licenciatura	ALBERTO ROBLEDO NIETO,	Silva López, Dan,		2007
9	La dinamica del atractor de Feigenbaum : multifractalidad, no extensiva y transiciones de fase de Mori	Tesis de Doctorado	ALBERTO ROBLEDO NIETO,	Mayoral Villa, Estela,		2004
10	Estudio experimental de propiedades de mojado en intercarras en puntos triples de mezclas binarias fluidas	Tesis de Maestría	JESUS GRACIA FADRIQUE,	ALBERTO ROBLEDO NIETO, Guerrero Ontiveros, Carmen Alicia,		2002
11	Fluctuaciones de la densidad en intercarras de fluidos simples en presencia de paredes	Tesis de Maestría	ALBERTO ROBLEDO NIETO,	García Alcantara, Consuelo,		2001
12	Principios variacionales y grupo de renormalizacion en el estudio del sistema de percolacion en una dimension	Tesis de Maestría	ALBERTO ROBLEDO NIETO,	Mayoral Villa, Estela,		2001
13	Simulaciones Monte Carlo de sistemas magneticos de espines : modelos de Ising y XY	Tesis de Licenciatura	ALBERTO ROBLEDO NIETO,	García Mauricio, Cesar,		2001
14	Estudio mecánico estadístico de las propiedades elásticas de monocapas de anfifilo	Tesis de Licenciatura	ALBERTO ROBLEDO NIETO,	Felix Lerma, Marco Vinicio,		1997

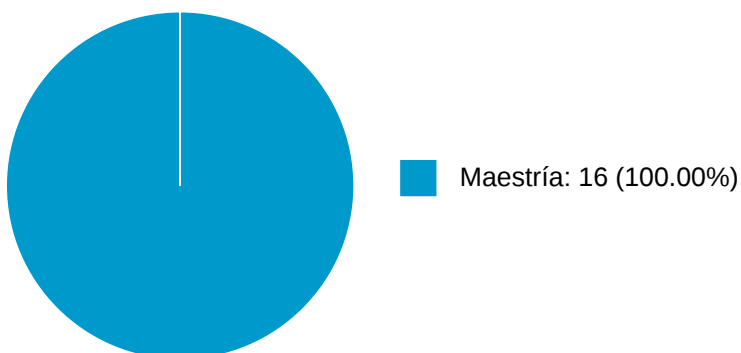
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15	Propiedades de bulto y superficie de sistemas reaccionantes y asociados	Tesis de Doctorado	ALBERTO ROBLEDO NIETO,	Talanquer Artigas, Vicente Augusto,	1992
16	Transiciones de mojado y espumas transitorias	Tesis de Maestría	ALBERTO ROBLEDO NIETO,	Gracia Fadrique, Jesús,	1990
17	Propiedades en campo medio de fluidos, cristales líquidos y microemulsiones	Tesis de Doctorado	ALBERTO ROBLEDO NIETO,	Costas Basín, María Eugenia,	1989
18	Azeotropia en la mezcla binaria de Van der Waals	Tesis de Maestría	ALBERTO ROBLEDO NIETO,	Irazoque Palazuelos, Glinda,	1987
19	Propiedades de mojado de la mezcla binaria de Van der Waals	Tesis de Maestría	ALBERTO ROBLEDO NIETO,	Costas Basín, María Eugenia,	1984
20	Estudio experimental de la transición de micelización a través del comportamiento de espumas transientes	Tesis de Maestría	ALBERTO ROBLEDO NIETO,	Llanes Ocaña, José Guadalupe,	1984
21	Dos clases de diagramas de fases de la mezcla Binaria de van der Waals	Tesis de Licenciatura	ALBERTO ROBLEDO NIETO,	Bautista Rico, Fernando,	1983
22	Correlaciones dependientes del tiempo y propiedades dinámicas de líquidos clásicos monoatómicos	Tesis de Maestría	ALBERTO ROBLEDO NIETO,	Borgues Rodríguez, Javier Pedro,	1978
23	Eventos primarios en fotosíntesis: difusión de energía de excitación a intensidad de iluminación débil	Tesis de Licenciatura	ALBERTO ROBLEDO NIETO,	Woodhouse Aguilar, Luis Francisco,	1977
24	Cálculo de la ecuación de estado de modelos de enrejado de los fluidos clásicos	Tesis de Licenciatura	ALBERTO ROBLEDO NIETO,	Borgues Rodríguez, Javier Pedro,	1975

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TEMAS SELECTOS FÍSICA NO LINEAL Y SISTEMAS COMPLEJOS	Instituto de Física	1	2024-1
2	Maestría	FÍSICA ESTADÍSTICA I	Instituto de Física	9	2023-1
3	Maestría	FÍSICA ESTADÍSTICA I	Instituto de Física	7	2022-1
4	Maestría	FÍSICA ESTADÍSTICA I	Instituto de Física	3	2021-1
5	Maestría	FÍSICA NO LINEAL Y SISTEMAS COMPLEJOS	Instituto de Física	3	2019-2
6	Maestría	FISICA NO LINEAL Y SISTEMAS COMPLEJOS	Instituto de Física	4	2016-2
7	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Física	1	2015-1
8	Maestría	FISICA ESTADISTICA II	Instituto de Física	5	2015-1
9	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Física	1	2014-2
10	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Física	1	2014-2
11	Maestría	FISICA NO LINEAL Y SISTEMAS COMPLEJOS	Instituto de Física	4	2014-1
12	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Física	1	2014-1
13	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Física	1	2013-2
14	Maestría	FISICA ESTADISTICA	Instituto de Física	14	2013-1
15	Maestría	FISICA NO LINEAL Y SISTEMAS COMPLEJOS	Instituto de Física	6	2012-2
16	Maestría	TEMA SELECTO	Instituto de Física	3	2008-2



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



ALBERTO ROBLEDO NIETO

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	2008-2025
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