



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



HERNAN LARRALDE RIDAURA

Datos Generales

Nombre: HERNAN LARRALDE RIDAURA

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 29 años

Nombramientos

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

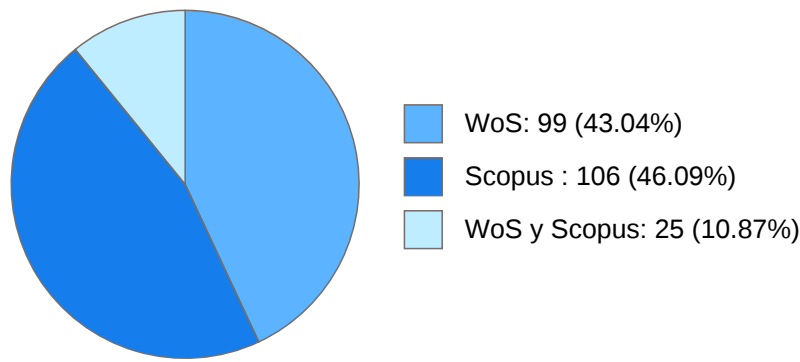
Estímulos, programas, premios y reconocimientos

SNI III - VIGENTE
PRIDE D - 2024
RDUNJA Investigación en ciencias exactas 2004

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Empirical properties of volume dynamics in the limit order book	FRANCOIS ALAIN LEYVRAZ WALTZ HERNAN LARRALDE RIDAURA Roberto Mota Navarro	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2025
2	Spectra and transport of probability and energy densities in a PT-symmetric square well with a delta-function potential	FRANCISCO RICARDO TORRES ARVIZU HERNAN LARRALDE RIDAURA Adrian Ortega	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2025
3	Exact extreme, order, and sum statistics in a class of strongly correlated systems	HERNAN LARRALDE RIDAURA Biroli M. Majumdar S.N. et al.	PHYSICAL REVIEW E	2024
4	Extreme Statistics and Spacing Distribution in a Brownian Gas Correlated by Resetting	HERNAN LARRALDE RIDAURA Biroli M. Majumdar S.N. et al.	PHYSICAL REVIEW LETTERS	2023
5	On the energy density in quantum mechanics	FRANCISCO RICARDO TORRES ARVIZU HERNAN LARRALDE RIDAURA Adrian Ortega	PHYSICA SCRIPTA	2023
6	Modeling the role of police corruption in the reduction of organized crime: Mexico as a case study	ANDRES ALDANA GONZALEZ HERNAN LARRALDE RIDAURA MAXIMINO ALDANA GONZALEZ	SCIENTIFIC REPORTS	2022

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7	Spectra, eigenstates and transport properties of a PT-symmetric ring	HUGO ADRIAN ORTEGA ROSALES LUIS BENET FERNANDEZ HERNAN LARRALDE RIDAURA	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2022
8	Practices of public procurement and the risk of corrupt behavior before and after the government transition in Mexico	JULIA ANDREA CATALINA FALCON CORTES ANDRES ALDANA GONZALEZ HERNAN LARRALDE RIDAURA	EPJ DATA SCIENCE	2022
9	Agglomeration or separation: Store patterns through an optimal location model	LUISANA CLAUDIO PACHECANO HERNAN LARRALDE RIDAURA	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2020
10	Universal and non-universal text statistics: Clustering coefficient for language identification	HERNAN LARRALDE RIDAURA Espitia D.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2020
11	Spectral and transport properties of a PT-symmetric tight-binding chain with gain and loss	HUGO ADRIAN ORTEGA ROSALES LUIS BENET FERNANDEZ HERNAN LARRALDE RIDAURA et al.	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2020
12	First-passage probabilities and mean number of sites visited by a persistent random walker in one- and two-dimensional lattices	HERNAN LARRALDE RIDAURA	PHYSICAL REVIEW E	2020
13	Giant Catalytic Effect of Altruists in Schelling's Segregation Model	HERNAN LARRALDE RIDAURA Pablo Jensen Thomas Matreux et al.	PHYSICAL REVIEW LETTERS	2018
14	Delay in the dispersal of flocks moving in unbounded space using long-range interactions	MARTIN ZUMAYA HERNANDEZ HERNAN LARRALDE RIDAURA MAXIMINO ALDANA GONZALEZ	SCIENTIFIC REPORTS	2018
15	A detailed heterogeneous agent model for a single asset financial market with trading via an order book	HERNAN LARRALDE RIDAURA Navarro, R.M.	PLOS ONE	2017
16	Strange systems in statistical mechanics	FRANCOIS ALAIN LEYVRAZ WALTZ HERNAN LARRALDE RIDAURA	EUROPEAN PHYSICAL JOURNAL-SPECIAL TOPICS	2017
17	Stochastic resonance at criticality in a network model of the human cortex	HERNAN LARRALDE RIDAURA Vazquez-Rodriguez, Bertha Avena-Koenigsberger, Andrea et al.	SCIENTIFIC REPORTS	2017

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18	Multiple scaling behaviour and nonlinear traits in music scores	HERNAN LARRALDE RIDAURA GUSTAVO CARLOS MARTINEZ MEKLER González-Espinoza A. et al.	Royal Society Open Science	2017
19	Evaluation of children with ADHD on the Ball-Search Field Task	MARCOS FRANCISCO ROSETTI SCIUTTO HERNAN LARRALDE RIDAURA ROBYN ELIZABETH HUDSON et al.	SCIENTIFIC REPORTS	2016
20	Ballistic annihilation with superimposed diffusion in one dimension	HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ Biswas S.	PHYSICAL REVIEW E	2016
21	Analysis of México's narco-war network (2007-2011)	Jesus EspinalEnriquez HERNAN LARRALDE RIDAURA	PLOS ONE	2015
22	Three-dimensional diffusion with helical persistence	HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ	JOURNAL OF PHYSICS A-MATHEMATIC AL AND THEORETICAL	2015
23	Sustained currents in coupled diffusive systems	HERNAN LARRALDE RIDAURA DAVID PHILIP SANDERS	JOURNAL OF PHYSICS A-MATHEMATIC AL AND THEORETICAL	2014
24	Temperature gradients in equilibrium: Small microcanonical systems in an external field	Alberto Salazar HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ	PHYSICAL REVIEW E	2014
25	Statistics of the duration time of a random walk given its present position: Dating a random walk	HERNAN LARRALDE RIDAURA	PHYSICAL REVIEW E	2013
26	Pattern Recognition in Neural Networks with Competing Dynamics: Coexistence of Fixed-Point and Cyclic Attractors	Jose L. Herrera Aguilar HERNAN LARRALDE RIDAURA MAXIMINO ALDANA GONZALEZ	PLOS ONE	2012
27	Maximum-entropy distributions of correlated variables with prespecified marginals	HERNAN LARRALDE RIDAURA	PHYSICAL REVIEW E	2012
28	An experimental and theoretical model of children's search behavior in relation to target conspicuity and spatial distribution	Luis Pacheco Cobos HERNAN LARRALDE RIDAURA ROBYN ELIZABETH HUDSON et al.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2010
29	Ramirez-Hernandez, Larralde, and Leyvraz Reply	A. Ramirez Hernandez HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ	PHYSICAL REVIEW LETTERS	2009

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30	Analytical solution of a multi-dimensional Hotelling model with quadratic transportation costs	HERNAN LARRALDE RIDAURA Stehle, Juliette Jensen, Pablo	REG SCI URBAN ECON	2009
31	Long-range correlations in a simple stochastic model of coupled transport	HERNAN LARRALDE RIDAURA DAVID PHILIP SANDERS	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2009
32	ON THE EMERGENCE OF COLLECTIVE ORDER IN SWARMING SYSTEMS: A RECENT DEBATE	MAXIMINO ALDANA GONZALEZ HERNAN LARRALDE RIDAURA B. Vazquez	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2009
33	Fluctuation theorem for currents in the Spinning Lorentz Gas	A. Salazar FRANCOIS ALAIN LEYVRAZ WALTZ HERNAN LARRALDE RIDAURA	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2009
34	Levy-like behaviour in deterministic models of intelligent agents exploring heterogeneous environments	DENIS PIERRE BOYER OCTAVIO REYMUNDO MIRAMONTES VIDAL HERNAN LARRALDE RIDAURA	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2009
35	Violation of the zeroth law of thermodynamics in systems with negative specific heat	A. Ramirez Hernandez HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ	PHYSICAL REVIEW LETTERS	2008
36	How rare are diffusive rare events?	DAVID PHILIP SANDERS HERNAN LARRALDE RIDAURA	EPL	2008
37	Intrinsic and extrinsic noise effects on phase transitions of network models with applications to swarming systems	JAIME ARTURO PIMENTEL CABRERA MAXIMINO ALDANA GONZALEZ HERNAN LARRALDE RIDAURA et al.	PHYSICAL REVIEW E	2008
38	Systems with negative specific heat in thermal contact: Violation of the zeroth law	A. Ramirez Hernandez HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ	PHYSICAL REVIEW E	2008
39	Erratum: Competitive nucleation and the Ostwald rule in a generalized Potts model with multiple metastable phases (Physical Review B - Condensed Matter and Materials Physics (2007) 75, (132101))	DAVID PHILIP SANDERS HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ	PHYSICAL REVIEW B	2007
40	Phase transitions in systems of self-propelled agents and related network models	MAXIMINO ALDANA GONZALEZ HERNAN LARRALDE RIDAURA Dossetti V. et al.	PHYSICAL REVIEW LETTERS	2007

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41	Competitive nucleation and the Ostwald rule in a generalized Potts model with multiple metastable phases	DAVID PHILIP SANDERS HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ	PHYSICAL REVIEW B	2007
42	A definition of metastability for Markov processes with detailed balance	FRANCOIS ALAIN LEYVRAZ WALTZ HERNAN LARRALDE RIDAURA DAVID PHILIP SANDERS	EUROPEAN PHYSICAL JOURNAL B	2006
43	Metastability in Markov processes	HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ DAVID PHILIP SANDERS	JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT	2006
44	Scale-free foraging by primates emerges from their interaction with a complex environment	DENIS PIERRE BOYER OCTAVIO REYMUNDO MIRAMONTES VIDAL JOSE LUIS MATEOS TRIGOS et al.	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2006
45	Occurrence of normal and anomalous diffusion in polygonal billiard channels	DAVID PHILIP SANDERS HERNAN LARRALDE RIDAURA	PHYSICAL REVIEW E	2006
46	Static pairwise annihilation in complex networks	MAXIMINO ALDANA GONZALEZ HERNAN LARRALDE RIDAURA Laguna M.F. et al.	PHYSICAL REVIEW E	2005
47	Metastability for Markov processes with detailed balance	HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ	PHYSICAL REVIEW LETTERS	2005
48	Looking for the right thing at the right place: Phase transition in an agent model with heterogeneous spatial resources	DENIS PIERRE BOYER HERNAN LARRALDE RIDAURA	Complexity	2005
49	Aggregation of retail stores	HERNAN LARRALDE RIDAURA Jensen P. Boisson J.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2005
50	The statistics of diffusive flux	HERNAN LARRALDE RIDAURA Antonio A.M.R.	JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT	2005
51	Ecological causes of fission-fusion: A computer modelling approach	GABRIEL RAMOS FERNANDEZ DENIS PIERRE BOYER OCTAVIO REYMUNDO MIRAMONTES VIDAL et al.	FOLIA PRIMATOLOGICA	2004
52	Statistical properties of a discrete version of the Ornstein-Uhlenbeck process	HERNAN LARRALDE RIDAURA	PHYS REV E	2004

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53	A first passage time distribution for a discrete version of the Ornstein-Uhlenbeck process	HERNAN LARRALDE RIDAURA	J PHYS A-MATH GEN	2004
54	Lévy walk patterns in the foraging movements of spider monkeys (<i>Ateles geoffroyi</i>)	JOSE LUIS MATEOS TRIGOS OCTAVIO REYMUNDO MIRAMONTES VIDAL ADONIS GERMINAL COCHO GIL et al.	BEHAVIORAL ECOLOGY AND SOCIOBIOLOGY	2004
55	Phase transitions in scale-free neural networks: Departure from the standard mean-field universality class	MAXIMINO ALDANA GONZALEZ HERNAN LARRALDE RIDAURA	PHYSICAL REVIEW E	2004
56	Effects of an absorbing boundary on the average volume visited by N spherical Brownian particles	HERNAN LARRALDE RIDAURA Berezhkovskii A.M. Weiss G.H.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2003
57	Translocation properties of primitive molecular machines and their relevance to the structure of the genetic code	MAXIMINO ALDANA GONZALEZ ADONIS GERMINAL COCHO GIL HERNAN LARRALDE RIDAURA et al.	JOURNAL OF THEORETICAL BIOLOGY	2003
58	A statistical model of DNA denaturation	OSBALDO RESENDIS ANTONIO HERNAN LARRALDE RIDAURA Garcia-Colin L.S.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2003
59	Expected number of distinct sites visited by N random walks in the presence of an absorbing boundary	HERNAN LARRALDE RIDAURA Weiss G.H.	J PHYS A-MATH GEN	2003
60	Fluctuation-dissipation theorem for metastable systems	HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ RAFAEL ALBERTO MENDEZ SANCHEZ et al.	PHYSICAL REVIEW LETTERS	2003
61	Fluctuation-Dissipation Theorem for Metastable Systems	HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ RAFAEL ALBERTO MENDEZ SANCHEZ et al.	PHYSICAL REVIEW LETTERS	2003
62	Transport Properties of a Modified Lorentz Gas	HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ Mejía-Monasterio C.	JOURNAL OF STATISTICAL PHYSICS	2003
63	Physica D: Nonlinear Phenomena - Editorials	HERNAN LARRALDE RIDAURA GUSTAVO CARLOS MARTINEZ MEKLER RAUL MAURICIO RECHTMAN SCHRENZEL	PHYSICA D-NONLINEAR PHENOMENA	2002
64	Simple model of a random walk with arbitrarily long memory	HERNAN LARRALDE RIDAURA Berrones A.	PHYSICAL REVIEW E	2001

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65	Transport properties of the diluted Lorentz slab	HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ GUSTAVO CARLOS MARTINEZ MEKLER et al.	PHYSICAL REVIEW E	2001
66	Coupled normal heat and matter transport in a simple model system	HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ Mejía-Monasterio C.	PHYSICAL REVIEW LETTERS	2001
67	Region visited by a spherical Brownian particle in the presence of an absorbing boundary	HERNAN LARRALDE RIDAURA Berezhkovskii A.M. Weiss G.H.	PHYSICAL REVIEW E	2001
68	Statistical characterization of random electrostatic potentials	MAXIMINO ALDANA GONZALEZ HERNAN LARRALDE RIDAURA GUSTAVO CARLOS MARTINEZ MEKLER	PHYS REV E	2000
69	Low-temperature shape relaxation of two-dimensional islands by edge diffusion	HERNAN LARRALDE RIDAURA Combe N.	PHYSICAL REVIEW B	2000
70	Dynamical weight functions for a planar crack	HERNAN LARRALDE RIDAURA Al-Falou A.A. Ball R.C.	PHYS REV E	2000
71	Kinetics of shape equilibration for two dimensional islands	HERNAN LARRALDE RIDAURA Jensen P. Combe N. et al.	EUROPEAN PHYSICAL JOURNAL B	1999
72	Deterministic transport in ratchets	ANTONIO FERNANDO SARMIENTO GALAN HERNAN LARRALDE RIDAURA	PHYS REV E	1999
73	Transmission and scattering of a Lorentz gas on a slab	HERNAN LARRALDE RIDAURA FRANCOIS ALAIN LEYVRAZ WALTZ GUSTAVO CARLOS MARTINEZ MEKLER et al.	PHYS REV E	1998
74	Growth of three-dimensional structures by atomic deposition on surfaces containing defects: Simulations and theory	HERNAN LARRALDE RIDAURA Jensen P. Meunier M. et al.	SURFACE SCIENCE	1998
75	Effect of T-stresses on the path of a three-dimensional crack propagating quasistatically under type I loading	HERNAN LARRALDE RIDAURA Al-Falou A.A. Ball R.C.	INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES	1997
76	Scaling properties of submonolayer growth including evaporation and defects	HERNAN LARRALDE RIDAURA Jensen P. Meunier M. et al.	Materials Research Society Symposium Proceedings	1997
77	Transport properties of a two-dimensional "chiral" persistent random walk	HERNAN LARRALDE RIDAURA	PHYS REV E	1997

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78	Experiments in a perfect world: Computer simulations of growth	HERNAN LARRALDE RIDAURA Jensen P.	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	1997
79	Effect of monomer evaporation on a simple model of submonolayer growth	HERNAN LARRALDE RIDAURA P Jensen A Pimpinelli	PHYSICAL REVIEW B	1997
80	Expected number of distinct sites visited by N Lévy flights on a one-dimensional lattice	HERNAN LARRALDE RIDAURA Berkolaiko G. Havlin S. et al.	PHYS REV E	1996
81	A fractal model for the first stages of thin film growth	HERNAN LARRALDE RIDAURA Jensen P. Barabási A.-L. et al.	FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY	1996
82	Spreading of N diffusing species with death and birth features	HERNAN LARRALDE RIDAURA Havlin S. Bunde A. et al.	FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY	1996
83	Why are computer simulations of growth useful?	HERNAN LARRALDE RIDAURA STANLEY EUGENE KURTZ SMITH Jensen Pablo et al.	Materials Research Society Symposium Proceedings	1996
84	Stability analysis of cracks propagating in three dimensional solids	HERNAN LARRALDE RIDAURA Al-Falou A.A. Ball R.C.	Materials Research Society Symposium Proceedings	1996
85	Growth and percolation of thin films: A model incorporating deposition, diffusion and aggregation	HERNAN LARRALDE RIDAURA Jensen P. Barabási A.-L. et al.	CHAOS SOLITONS & FRACTALS	1995
86	Expected number of sites visited by a constrained n-step random walk	HERNAN LARRALDE RIDAURA Weiss G.H.	PHYS REV E	1995
87	Complex dynamics in initially separated reaction-diffusion systems	HERNAN LARRALDE RIDAURA Havlin S. Araujo M. et al.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1995

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88	Anomalous kinetics in $A + B \rightarrow C$ with initially-separated reactants	HERNAN LARRALDE RIDAURA Havlin S. Araujo M. et al.	CHAOS SOLITONS & FRACTALS	1995
89	Araujo et al. reply:	HERNAN LARRALDE RIDAURA Araujo M. Havlin S. et al.	PHYSICAL REVIEW LETTERS	1995
90	A generating function for the second moment of the distinct number of sites visited by an n -step lattice random walk	HERNAN LARRALDE RIDAURA Weiss G.H.	J PHYS A-MATH GEN	1995
91	Controlling nanostructures [5]	HERNAN LARRALDE RIDAURA Jensen P. Barabási A.-L. et al.	Nature	1994
92	Anomalous dynamics in reaction-diffusion systems	HERNAN LARRALDE RIDAURA Havlin S. Araujo M. et al.	NUOVO CIMENTO D	1994
93	Model incorporating deposition, diffusion, and aggregation in submonolayer nanostructures	HERNAN LARRALDE RIDAURA Jensen P. Barabási A.-L. et al.	PHYS REV E	1994
94	Connectivity of diffusing particles continually deposited on a surface: relation to LECBD experiments	HERNAN LARRALDE RIDAURA Jensen P. Barabási A.-L. et al.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1994
95	The expected number of distinct sites visited by N biased random walks in one dimension	HERNAN LARRALDE RIDAURA Weiss G.H. Eugene Stanley H.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1994
96	Reaction kinetics of diffusing particles injected into a d -dimensional reactive substrate	HERNAN LARRALDE RIDAURA Lereah Y. Trunfio P. et al.	PHYSICAL REVIEW LETTERS	1993
97	Scaling anomalies in reaction front dynamics of confined systems	HERNAN LARRALDE RIDAURA Araujo M. Havlin S. et al.	PHYSICAL REVIEW LETTERS	1993
98	Number of distinct sites visited by N particles diffusing on a fractal	HERNAN LARRALDE RIDAURA Havlin S. Trunfio P. et al.	PHYSICAL REVIEW A	1992
99	Random-force-dominated reaction kinetics: Reactants moving under random forces	HERNAN LARRALDE RIDAURA Araujo M. Havlin S. et al.	PHYSICAL REVIEW LETTERS	1992
100	Number of distinct sites visited by N random walkers	HERNAN LARRALDE RIDAURA Trunfio P. Havlin S. et al.	PHYSICAL REVIEW A	1992
101	Diffusion-reaction kinetics for $A+B(\text{static})\rightarrow C(\text{inert})$ for one-dimensional systems with initially separated reactants	HERNAN LARRALDE RIDAURA Araujo M. Havlin S. et al.	PHYSICAL REVIEW A	1992

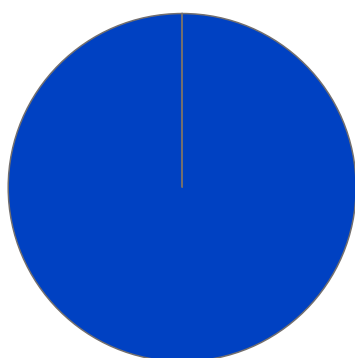
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102	Diffusion-controlled reaction, $A+B \rightarrow C$, with initially separated reactants	HERNAN LARRALDE RIDAURA Havlin S. Araujo M. et al.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1992
103	Reaction front for $A+BC$ diffusion-reaction systems with initially separated reactants	HERNAN LARRALDE RIDAURA Araujo M. Havlin S. et al.	PHYSICAL REVIEW A	1992
104	Some recent variations on the expected number of distinct sites visited by an n -step random walk	HERNAN LARRALDE RIDAURA Weiss G.H. Dayan I. et al.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1992
105	Reaction front dynamics of $A + B \rightarrow C$ with initially separated reactants	HERNAN LARRALDE RIDAURA Araujo M. Havlin S. et al.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1992
106	Territory covered by N diffusing particles	HERNAN LARRALDE RIDAURA Trunfio P. Havlin S. et al.	Nature	1992
107	Statistical properties of the distance between a trapping center and a uniform density of diffusing particles in two dimensions	HERNAN LARRALDE RIDAURA Havlin S. Kopelman R. et al.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1990

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#	Título	Autores	Alcance	Año	ISBN
1	La Ciencia, desde Morelos para el Mundo. Tomo III, Física, Química y Matemáticas	GEORGINA HERNANDEZ DELGADO ENRIQUE GALINDO FENTANES SERGIO CUEVAS GARCIA et al.	Libro Completo	2013	9786079568238
2	La Ciencia, desde Morelos para el Mundo. Tomo II, Biología: del ambiente a la genómica	ENRIQUE GALINDO FENTANES SERGIO CUEVAS GARCIA HERNAN LARRALDE RIDAURA et al.	Libro Completo	2013	9786079568214
3	La Ciencia, desde Morelos para el Mundo. Tomo II, Biología: del ambiente a la genómica	GEORGINA HERNANDEZ DELGADO ENRIQUE GALINDO FENTANES SERGIO CUEVAS GARCIA et al.	Libro Completo	2012	9786079568221
4	La Ciencia, desde Morelos para el Mundo. Tomo II, Biología: del ambiente a la genómica	SERGIO CUEVAS GARCIA ENRIQUE GALINDO FENTANES GEORGINA HERNANDEZ DELGADO et al.	Libro Completo	2012	9786079568214
5	La ciencia, desde Morelos para el mundo Tomo I: Ciencia y sociedad	GEORGINA HERNANDEZ DELGADO ENRIQUE GALINDO FENTANES SERGIO CUEVAS GARCIA et al.	Libro Completo	2011	9786079568207



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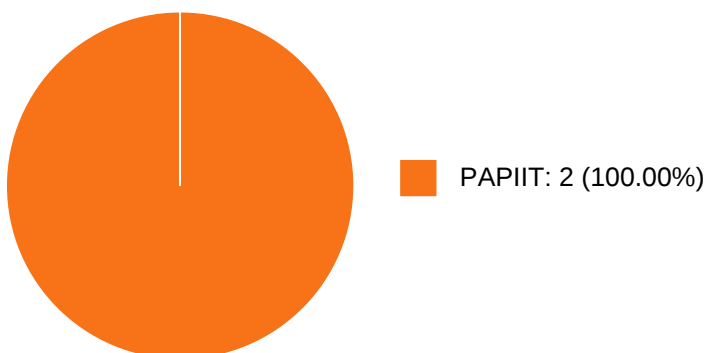
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6	La ciencia desde Morelos para el mundo	SERGIO CUEVAS GARCIA HERNAN LARRALDE RIDAURA ENRIQUE GALINDO FENTANES et al.	Libro Completo	2011	9786079568207
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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

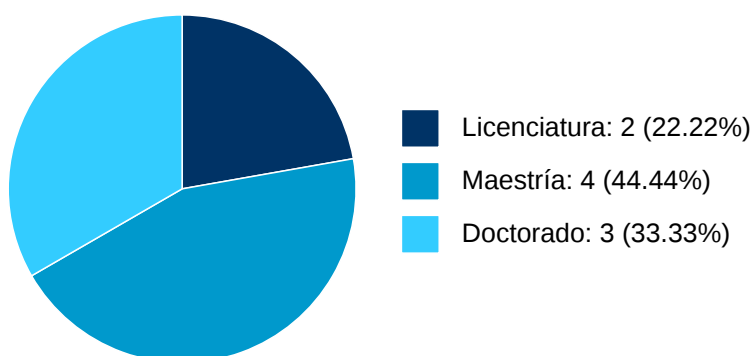


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Desarrollo y aplicación de herramientas de física estadística en sistemas dentro y fuera de la física	HERNAN LARRALDE RIDAURA	Recursos PAPIIT	01-01-2016	31-12-2018
2	Transporte en sistemas PT simétricos y procesos relacionados	HERNAN LARRALDE RIDAURA	Recursos PAPIIT	01-01-2024	31-12-2025

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Propiedades de transporte para caminatas aleatorias persistentes en una y dos dimensiones	Tesis de Maestría	HERNAN LARRALDE RIDAURA,	Torres Arvizu, Francisco Ricardo,	Instituto de Ciencias Físicas,	2022
2	Aglomeraciones de negocios	Tesis de Doctorado	HERNAN LARRALDE RIDAURA,	Claudio Pachecano, Luisana,	Instituto de Ciencias Físicas,	2020
3	Transmisión de información en un modelo del conectoma humano	Tesis de Doctorado	HERNAN LARRALDE RIDAURA,	Vázquez Rodríguez, Bertha,	Instituto de Ciencias Físicas,	2017
4	Modelo basado en agentes de un mercado financiero	Tesis de Maestría	HERNAN LARRALDE RIDAURA,	Mota Navarro, Roberto,	Instituto de Ciencias Físicas,	2015
5	Análisis del comportamiento y robustez del buscador infotático ante incertidumbre en los parámetros de la señal	Tesis de Maestría	HERNAN LARRALDE RIDAURA,	CARLOS VILLARREAL LUJAN, Velasco Romero, David Aarón,	Instituto de Ciencias Físicas, Instituto de Física,	2014

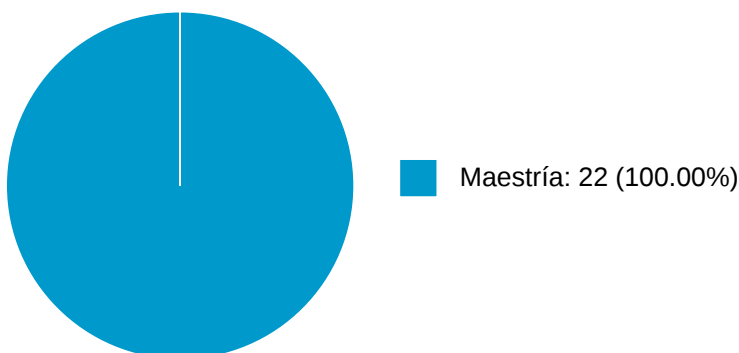
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6	Influencias del caos en el transporte en potenciales periódicos asimétricos	Tesis de Maestría	HERNAN LARRALDE RIDAURA,	JOSE LUIS MATEOS TRIGOS, Resendiz Antonio, Alba Margarita,	Instituto de Ciencias Físicas, Instituto de Física,	2008
7	Teorema fluctuacion-disipacion para sistemas markovianos en estado metaestable	Tesis de Doctorado	HERNAN LARRALDE RIDAURA,	FRANCOIS ALAIN LEYVRAZ WALTZ, Baez Juarez, Maria Gabriela,		2003
8	Procesos multiplicativos y la distribucion de los tamaños de las ciudades	Tesis de Licenciatura	HERNAN LARRALDE RIDAURA,	Lugo Velez, Carlos Antonio,		2003
9	Un modelo simple de desnaturalizacion de ADN	Tesis de Licenciatura	HERNAN LARRALDE RIDAURA,	García Cantu Ros, Anselmo,		2002

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	FÍSICA ESTADÍSTICA I	Instituto de Ciencias Físicas	7	2022-2
2	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Ciencias Físicas	1	2022-1
3	Maestría	SEMINARIO DE INVESTIGACIÓN I	Instituto de Ciencias Físicas	1	2021-2
4	Maestría	FÍSICA ESTADÍSTICA II (FÍSICA ESTADÍSTICA Y SISTEMAS COMPLEJOS)	Instituto de Ciencias Físicas	2	2021-2
5	Maestría	FÍSICA ESTADÍSTICA	Instituto de Ciencias Físicas	3	2019-2
6	Maestría	FISICA ESTADISTICA	Instituto de Ciencias del Mar y Limnología	4	2018-2
7	Maestría	FISICA ESTADISTICA-394324	Instituto de Ciencias Físicas	1	2017-1
8	Maestría	FISICA ESTADISTICA	Instituto de Ciencias Físicas	2	2015-1
9	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Ciencias Físicas	1	2014-1
10	Maestría	TEMAS SELECTOS	Instituto de Ciencias Físicas	3	2014-1
11	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Ciencias Físicas	1	2013-2
12	Maestría	FISICA ESTADISTICA	Instituto de Ciencias Físicas	3	2013-2

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13	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Físicas	1	2013-2
14	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Físicas	1	2013-1
15	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Ciencias Físicas	1	2013-1
16	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Físicas	1	2012-2
17	Maestría	TEMAS SELECTOS	Instituto de Ciencias Físicas	4	2012-1
18	Maestría	FISICA ESTADISTICA	Instituto de Ciencias Físicas	1	2012-1
19	Maestría	FISICA ESTADISTICA	Instituto de Ciencias Físicas	6	2011-2
20	Maestría	TEMA SELECTO	Instituto de Ciencias Físicas	5	2010-1
21	Maestría	TEMAS SELECTOS	Instituto de Ciencias Físicas	2	2010-1
22	Maestría	FISICA ESTADISTICA	Instituto de Ciencias Físicas	8	2009-2



Sistema Integral de Información Académica
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Simplificación de la Gestión Institucional
Reporte individual



HERNAN LARRALDE RIDAURA

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