



ESTEBAN ABELARDO HERNANDEZ VARGAS

Datos Generales

Nombre: ESTEBAN ABELARDO HERNANDEZ VARGAS

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 2 años

Nombramientos

Último: INVESTIGADOR ASOCIADO C TC No Definitivo
Instituto de Matemáticas
Desde 16-02-2021 hasta 15-11-2022

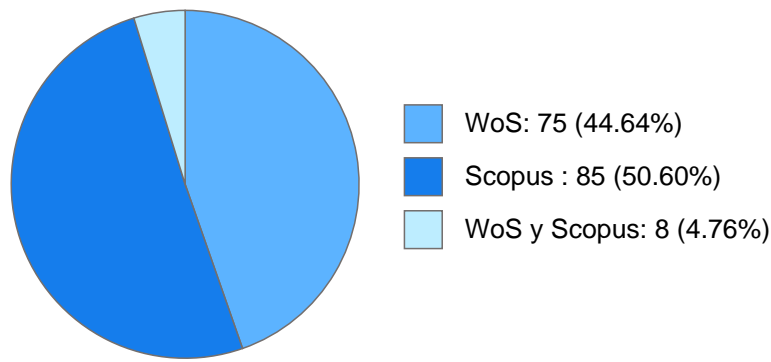
Estímulos, programas, premios y reconocimientos

SNI II 2020 - 2023
EQUIVALENCIA PRIDE B 2020 - 2022

ESTEBAN ABELARDO HERNANDEZ VARGAS

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Cyclic control equilibria for switched systems with applications to ecological systems	ESTEBAN ABELARDO HERNANDEZ VARGAS Alejandro L. Anderson Pablo Abuin et al.	INTERNATIONAL JOURNAL OF ROBUST AND NONLINEAR CONTROL	2023
2	Topological data analysis of antibody dynamics of severe and non-severe patients with COVID-19	RODOLFO GUADALUPE BLANCO RODRIGUEZ GUSTAVO CHINNEY HERRERA ESTEBAN ABELARDO HERNANDEZ VARGAS et al.	MATHEMATICAL BIOSCIENCES	2023
3	A new computational approach, based on images trajectories, to identify the subjacent heterogeneity of sperm to the effects of ketanserin	MARIA ELENA AYALA ESCOBAR RODOLFO GUADALUPE BLANCO RODRIGUEZ ESTEBAN ABELARDO HERNANDEZ VARGAS et al.	CYTOMETRY PART A	2023
4	Development of Deep Learning Architectures for Forecasting Distillation Columns Dynamic Behavior of Biobutanol Purification	ESTEBAN ABELARDO HERNANDEZ VARGAS de la Fuente A.R. Sanchez-Ramirez E. et al.	Computer Aided Chemical Engineering	2022
5	Modeling SARS-CoV-2: Mitigation Interventions and Increased Mobility Events	MARIO SANTANA CIBRIAN MARCO TULIO ANGULO BALLESTEROS ESTEBAN ABELARDO HERNANDEZ VARGAS et al.	Studies in Systems Decision and Control	2022

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6	Inverse Optimal Impulsive Neural Control for Complex Networks Applied to Epidemic Diseases	ESTEBAN ABELARDO HERNANDEZ VARGAS Nancy F. Ramirez Daniel Rios-Rivera et al.	Systems	2022
7	Minimizing the epidemic final size while containing the infected peak prevalence in SIR systems	ESTEBAN ABELARDO HERNANDEZ VARGAS Sereno J. Anderson A. et al.	Automatica	2022
8	Editorial: Multiscale computational approaches in infectious diseases	ESTEBAN ABELARDO HERNANDEZ VARGAS JORGE XICOTENCATL VELASCO HERNANDEZ Dunja Bruder	FRONTIERS IN MICROBIOLOGY	2022
9	Inverse optimal control for positive impulsive systems toward personalized therapeutic regimens	ESTEBAN ABELARDO HERNANDEZ VARGAS Gustavo Hernandez-Mejia Miguel Hernandez-Gonzalez	OPTIMAL CONTROL APPLICATIONS & METHODS	2022
10	Optimal single-interval control for SIR-type systems	ESTEBAN ABELARDO HERNANDEZ VARGAS A. H. Gonzalez A. Ferramosca	IFAC PAPERSONLINE	2022
11	Parameter Estimation in Hybrid Machine Learning and Mechanistic Models of Infectious Diseases	ESTEBAN ABELARDO HERNANDEZ VARGAS Suneet Singh Jhutti	IFAC PAPERSONLINE	2022
12	Permanence regions for switched linear systems under waiting-time constraints	ESTEBAN ABELARDO HERNANDEZ VARGAS Mara Perez Alejandro Anderson et al.	IFAC PAPERSONLINE	2022
13	Discrete-time high-order neural network identifier trained with high-order sliding mode observer and unscented Kalman filter	ESTEBAN ABELARDO HERNANDEZ VARGAS M. Hernandez-Gonzalez M. V. Basin	Neurocomputing	2021
14	Stability analysis in COVID-19 within-host model with immune response	ESTEBAN ABELARDO HERNANDEZ VARGAS Alexis Erich S. Almocera Griselda Quiroz	COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION	2021
15	Discrete-time MPC for switched systems with applications to biomedical problems	ESTEBAN ABELARDO HERNANDEZ VARGAS A. Anderson A. H. Gonzalez et al.	COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION	2021
16	Bounded input impulsive control for scheduling therapies	ESTEBAN ABELARDO HERNANDEZ VARGAS Gustavo Hernandez-Mejia Xin Du et al.	JOURNAL OF PROCESS CONTROL	2021
17	Uncovering antibody cross-reaction dynamics in influenza A infections	ESTEBAN ABELARDO HERNANDEZ VARGAS Gustavo Hernandez-Mejia	Bioinformatics	2021

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18	Discrete-time super-twisting controller using neural networks	ESTEBAN ABELARDO HERNANDEZ VARGAS M. Hernandez-Gonzalez	Neurocomputing	2021
19	Serum Concentration of the Phytohormone Abscisic Acid Is Associated With Immune-Regulatory Mediators and Is a Potential Biomarker of Disease Severity in Chronic Obstructive Pulmonary Disease	ESTEBAN ABELARDO HERNANDEZ VARGAS Hoang Q.T.M. Nguyen V.K. et al.	Frontiers In Medicine	2021
20	Neural Control for Epidemic Model of Covid-19 with a Complex Network Approach	ESTEBAN ABELARDO HERNANDEZ VARGAS Alma Y. Alanis Nancy F. Ramirez et al.	IEEE LATIN AMERICA TRANSACTIONS	2021
21	Second special section on systems and control research efforts against COVID-19 and future pandemics	ESTEBAN ABELARDO HERNANDEZ VARGAS Giulia Giordano Eduardo Sontag et al.	ANNUAL REVIEWS IN CONTROL	2021
22	Network models to evaluate vaccine strategies towards herd immunity in COVID-19	ESTEBAN ABELARDO HERNANDEZ VARGAS Tetteh J.N.A. Nguyen V.K.	JOURNAL OF THEORETICAL BIOLOGY	2021
23	Y Computational simulations to dissect the cell immune response dynamics for severe and critical cases of SARS-CoV-2 infection	RODOLFO GUADALUPE BLANCO RODRIGUEZ ESTEBAN ABELARDO HERNANDEZ VARGAS Du X.	COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE	2021
24	Dynamical characterization of antiviral effects in COVID-19	ESTEBAN ABELARDO HERNANDEZ VARGAS Abuin P. Anderson A. et al.	ANNUAL REVIEWS IN CONTROL	2021
25	Model predictive control for optimal social distancing in a type SIR-switched model	ESTEBAN ABELARDO HERNANDEZ VARGAS J. E. Sereno A. D'Jorge et al.	IFAC PAPERSONLINE	2021
26	Third special section on systems and control research efforts against COVID-19 and future pandemics	ESTEBAN ABELARDO HERNANDEZ VARGAS Giordano G. Sontag E. et al.	ANNUAL REVIEWS IN CONTROL	2021
27	Neural inverse optimal control applied to design therapeutic options for patients with COVID-19	ESTEBAN ABELARDO HERNANDEZ VARGAS Victor M. Chan Edgar N. Sanchez	IEEE International Joint Conference On Neural Networks (ijcnn)	2021
28	Switching Logistic Maps to Design Cycling Approaches Against Antimicrobial Resistance	ESTEBAN ABELARDO HERNANDEZ VARGAS Parra-Rojas C. Oлару S.	IEEE Conference on Decision and Control	2021

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29	Artificial Neural Network to capture the Dynamics of a Dividing Wall Column	ESTEBAN ABELARDO HERNANDEZ VARGAS Eduardo Sanchez-Ramirez Juan Gabriel Segovia-Hernandez	Computer Aided Chemical Engineering	2020
30	Discrete-time switching MPC with applications to mitigate resistance in viral infections	ESTEBAN ABELARDO HERNANDEZ VARGAS Alejandro Anderson Alejandro H. Gonzalez et al.	IFAC PAPERSONLINE	2020
31	Lyapunov-based Switching to Mitigate Antimicrobial Resistance	ESTEBAN ABELARDO HERNANDEZ VARGAS Josephine N. A. Tetteh Sorin Olaru et al.	IFAC PAPERSONLINE	2020
32	PK/PD-Based Impulsive Control to Tailor Therapies in Infectious Diseases	ESTEBAN ABELARDO HERNANDEZ VARGAS Gustavo Hernandez-Mejia	IFAC PAPERSONLINE	2020
33	Quantitative modeling of the function of kinetically driven transcriptional riboswitches	ESTEBAN ABELARDO HERNANDEZ VARGAS Cesar Parra-Rojas Boris Fuertig et al.	JOURNAL OF THEORETICAL BIOLOGY	2020
34	When is SARS-CoV-2 in your shopping list?	ESTEBAN ABELARDO HERNANDEZ VARGAS Gustavo Hernandez-Mejia	MATHEMATICAL BIOSCIENCES	2020
35	A survey of within-host and between-hosts modelling for antibiotic resistance	ESTEBAN ABELARDO HERNANDEZ VARGAS Josephine N. A. Tetteh Franziska Matthaeus	Biosystems	2020
36	Epidemiological Characteristics of COVID-19 in Mexico and the Potential Impact of Lifting Confinement Across Regions	CRISTY LEONOR AZANZA RICARDO ESTEBAN ABELARDO HERNANDEZ VARGAS	Frontiers In Physics	2020
37	In-host Mathematical Modelling of COVID-19 in Humans	ESTEBAN ABELARDO HERNANDEZ VARGAS JORGE XICOTENCATL VELASCO HERNANDEZ	ANNUAL REVIEWS IN CONTROL	2020
38	Characterization of SARS-CoV-2 dynamics in the host	ESTEBAN ABELARDO HERNANDEZ VARGAS Pablo Abuin Alejandro Anderson et al.	ANNUAL REVIEWS IN CONTROL	2020
39	Passivity-Based Inverse Optimal Impulsive Control for Influenza Treatment in the Host	ESTEBAN ABELARDO HERNANDEZ VARGAS Hernandez-Mejia G. Alanis A.Y. et al.	IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY	2020
40	Pinning Control for the p53-Mdm2 Network Dynamics Regulated by p14ARF	ESTEBAN ABELARDO HERNANDEZ VARGAS Suarez O.J. Vega C.J. et al.	FRONTIERS IN PHYSIOLOGY	2020
41	First special section on systems and control research efforts against COVID-19 and future pandemics	ESTEBAN ABELARDO HERNANDEZ VARGAS Giordano G. Sontag E. et al.	ANNUAL REVIEWS IN CONTROL	2020
42	Special section on modeling, identification and control of nonlinear systems	ESTEBAN ABELARDO HERNANDEZ VARGAS Alanis A.Y.	ANNUAL REVIEWS IN CONTROL	2019

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43	Modeling quorum sensing dynamics and interference on escherichia coli	ESTEBAN ABELARDO HERNANDEZ VARGAS Torres-Cerna C.E. Alejandro Morales J.	FRONTIERS IN MICROBIOLOGY	2019
44	In vivo neutralization of pro-inflammatory cytokines during secondary streptococcus pneumoniae infection post influenza a virus infection	ESTEBAN ABELARDO HERNANDEZ VARGAS Sharma-Chawla N. Stegemann-Koniszewski S. et al.	FRONTIERS IN IMMUNOLOGY	2019
45	Mathematical Modeling of the Quorum Sensing in Vibrio harveyi	ESTEBAN ABELARDO HERNANDEZ VARGAS Torres-Cerna C.E.	Revista Mexicana De Ingeniería Biomédica	2019
46	Editorial: Integrative computational systems biology approaches in immunology and medicine	ESTEBAN ABELARDO HERNANDEZ VARGAS Kaderali L. Theis F. et al.	FRONTIERS IN MICROBIOLOGY	2019
47	Coupling multiscale within-host dynamics and between-host transmission with recovery (SIR) dynamics	ESTEBAN ABELARDO HERNANDEZ VARGAS Almocera A.E.S.	MATHEMATICAL BIOSCIENCES	2019
48	Adjuvanted influenza vaccine dynamics	ESTEBAN ABELARDO HERNANDEZ VARGAS Parra-Rojas C. Messling V.	SCIENTIFIC REPORTS	2019
49	The trichotomy of pneumococcal infection outcomes in the Host	ESTEBAN ABELARDO HERNANDEZ VARGAS Almocera A.E.S. Hernandez-Mejia G. et al.	COMMUNICATIO NS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION	2019
50	Impulsive MPC for Influenza Infection Treatment at Variable Time	ESTEBAN ABELARDO HERNANDEZ VARGAS Vega-Magdaleno G.D. Alanis A.Y. et al.	IFAC PAPERSONLINE	2018
51	Discrete-time Neural Network Identification of Quorum Sensing Escherichia coli Regulators	ESTEBAN ABELARDO HERNANDEZ VARGAS Torres-Cerna C.E. Morales J.A. et al.	IFAC PAPERSONLINE	2018
52	A stochastic Markov branching process framework to evaluate HIV eradication	ESTEBAN ABELARDO HERNANDEZ VARGAS Boianelli A.	IFAC PAPERSONLINE	2018
53	Parameter Estimation in Mathematical Models of Viral Infections Using R	ESTEBAN ABELARDO HERNANDEZ VARGAS Nguyen V.K.	Methods in Molecular Biology	2018
54	Bacterial Pneumonia Fate Decisions?	ESTEBAN ABELARDO HERNANDEZ VARGAS Boianelli A. Hernandez-Mejia G.	IFAC PAPERSONLINE	2018
55	Special issue on new trends on complex systems: Adaptation and control	ESTEBAN ABELARDO HERNANDEZ VARGAS Alanis A.Y. Chen G. et al.	Kybernetika	2018

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56	The 2017 plague outbreak in Madagascar: Data descriptions and epidemic modelling	ESTEBAN ABELARDO HERNANDEZ VARGAS Nguyen V.K. Parra-Rojas C.	EPIDEMICS	2018
57	High-resolution epidemic simulation using within-host infection and contact data	ESTEBAN ABELARDO HERNANDEZ VARGAS Nguyen V.K. Mikolajczyk R.	Bmc Public Health	2018
58	Neuraminidase inhibitors in influenza treatment and prevention?Is it time to call it a day?	ESTEBAN ABELARDO HERNANDEZ VARGAS Parra-Rojas C. Nguyen V.K. et al.	Viruses-Basel	2018
59	Multiscale model within-host and between-host for viral infectious diseases	ESTEBAN ABELARDO HERNANDEZ VARGAS Almocera A.E.S. Nguyen V.K.	JOURNAL OF MATHEMATICAL BIOLOGY	2018
60	Germinal center optimization algorithm	ESTEBAN ABELARDO HERNANDEZ VARGAS Villaseñor C. Arana-Daniel N. et al.	INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS	2018
61	PK/PD-based adaptive tailoring of oseltamivir doses to treat within-host influenza viral infections	ESTEBAN ABELARDO HERNANDEZ VARGAS Montaseri G. Boianelli A. et al.	PROGRESS IN BIOPHYSICS & MOLECULAR BIOLOGY	2018
62	Neural inverse optimal control for discrete-time impulsive systems	ESTEBAN ABELARDO HERNANDEZ VARGAS Hernandez-Mejia G. Alanis A.Y.	Neurocomputing	2018
63	Inverse Optimal Impulsive Control Based Treatment of Influenza Infection	ESTEBAN ABELARDO HERNANDEZ VARGAS Hernandez-Mejia G. Alanis A.Y.	IFAC PAPERSONLINE	2017
64	Modeling kick-kill strategies toward HIV cure	ESTEBAN ABELARDO HERNANDEZ VARGAS	FRONTIERS IN IMMUNOLOGY	2017
65	Windows of opportunity for Ebola virus infection treatment and vaccination	ESTEBAN ABELARDO HERNANDEZ VARGAS Nguyen V.K.	SCIENTIFIC REPORTS	2017
66	Germinal center optimization applied to neural inverse optimal control for an all-terrain tracked robot	ESTEBAN ABELARDO HERNANDEZ VARGAS Villaseñor C. Rios J.D. et al.	APPLIED SCIENCES-BASEL	2017
67	Batch cultivation model for biopolymer production	ESTEBAN ABELARDO HERNANDEZ VARGAS Torres-Cerna C.E. Alanis A.Y. et al.	CHEM BIOCHEM ENG Q	2017
68	Hierarchical effects of pro-inflammatory cytokines on the post-influenza susceptibility to pneumococcal coinfection	ESTEBAN ABELARDO HERNANDEZ VARGAS Duvigneau S. Sharma-Chawla N. et al.	SCIENTIFIC REPORTS	2016

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69	Oseltamivir PK/PD modeling and simulation to evaluate treatment strategies against influenza-pneumococcus coinfection	ESTEBAN ABELARDO HERNANDEZ VARGAS Boianelli A. Sharma-Chawla N. et al.	FRONTIERS IN CELLULAR AND INFECTION MICROBIOLOGY	2016
70	Ebola virus infection modeling and identifiability problems	ESTEBAN ABELARDO HERNANDEZ VARGAS Nguyen V.K. Binder S.C. et al.	FRONTIERS IN MICROBIOLOGY	2015
71	Identifiability Challenges in Mathematical Models of Viral Infectious Diseases	ESTEBAN ABELARDO HERNANDEZ VARGAS Nguyen V.K.	IFAC PAPERSONLINE	2015
72	Reducing complexity: An iterative strategy for parameter determination in biological networks	ESTEBAN ABELARDO HERNANDEZ VARGAS Binder S.C. Meyer-Hermann M.	COMPUTER PHYSICS COMMUNICATIONS	2015
73	Progressive contraction of the latent HIV reservoir around a core of less-differentiated CD4 + memory T cells	ESTEBAN ABELARDO HERNANDEZ VARGAS Jaafoura S. De Goër De Herve M.G. et al.	NATURE COMMUNICATIONS	2014
74	Effects of aging on influenza virus infection dynamics	ESTEBAN ABELARDO HERNANDEZ VARGAS Wilk E. Canini L. et al.	JOURNAL OF VIROLOGY	2014
75	Computational study to determine when to initiate and alternate therapy in HIV infection	ESTEBAN ABELARDO HERNANDEZ VARGAS Haering M. Hördt A. et al.	BIOMED RESEARCH INTERNATIONAL	2014
76	Switching strategies to mitigate HIV mutation	ESTEBAN ABELARDO HERNANDEZ VARGAS Colaneri P. Middleton R.H.	IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY	2014
77	Observers for biological systems	ESTEBAN ABELARDO HERNANDEZ VARGAS Alanis A.Y. Hernandez-Gonzalez M.	APPLIED SOFT COMPUTING	2014
78	A mathematical model of T lymphocyte calcium dynamics derived from single transmembrane protein properties	ESTEBAN ABELARDO HERNANDEZ VARGAS Schmeitz C. Fliegert R. et al.	FRONTIERS IN IMMUNOLOGY	2013
79	Optimal therapy scheduling for a simplified HIV infection model	ESTEBAN ABELARDO HERNANDEZ VARGAS Colaneri P. Middleton R.H.	Automatica	2013
80	Decentralized discrete-time neural control for a Quanser 2-DOF helicopter	ESTEBAN ABELARDO HERNANDEZ VARGAS Hernandez-Gonzalez M. Alanis A.Y.	APPLIED SOFT COMPUTING	2012
81	Discrete-time neural observer for HIV infection dynamics	ESTEBAN ABELARDO HERNANDEZ VARGAS Alanis A.Y. Sanchez E.N.	World Automation Congress Proceedings	2012



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Reporte individual



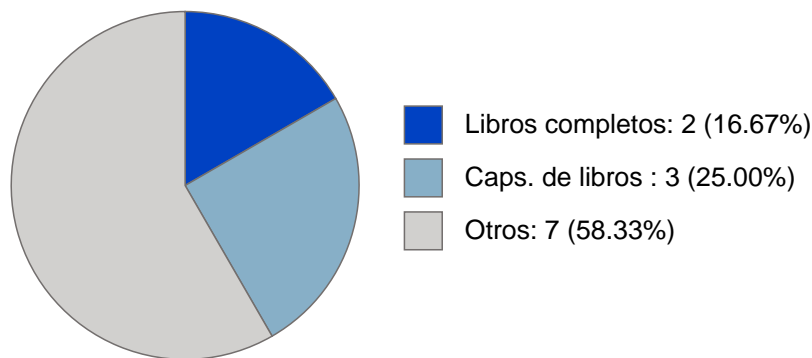
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82	Sub-optimal switching with dwell time constraints for control of viral mutation	ESTEBAN ABELARDO HERNANDEZ VARGAS Colaneri P. Middleton R.H.	IEEE Conference on Decision and Control	2012
83	Innate immune system dynamics to influenza virus	ESTEBAN ABELARDO HERNANDEZ VARGAS Meyer-Hermann M.	IFAC Proceedings Volumes (IFAC-PapersOnline)	2012
84	Control properties and thermodynamic analysis of two alternatives to thermally coupled distillation systems with side columns	ESTEBAN ABELARDO HERNANDEZ VARGAS Segovia-Hernández J.G. Márquez-Muñoz J.A. et al.	CHEM BIOCHEM ENG Q	2005
85	Eficiencia termodinámica de secuencias de destilación térmicamente acopladas: Efecto de los reciclados en la separación de mezclas de tres y cinco componentes	ESTEBAN ABELARDO HERNANDEZ VARGAS McConville C.J.C. Zamora M.B.R. et al.	ING QUIM	2005

ESTEBAN ABELARDO HERNANDEZ VARGAS

LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Preface	ESTEBAN ABELARDO HERNANDEZ VARGAS	Editorial Material	2022	9780323901710
2	Optimal control strategies to tailor antivirals for acute infectious diseases in the host: a study case of COVID-19	ESTEBAN ABELARDO HERNANDEZ VARGAS Pérez M. Abuin P. et al.	Capítulo de un Libro	2022	9780323901710
3	Closing the loop in personalized medicine	ESTEBAN ABELARDO HERNANDEZ VARGAS	Capítulo de un Libro	2022	9780323901710
4	Feedback Control for Personalized Medicine	ESTEBAN ABELARDO HERNANDEZ VARGAS	Libro Completo	2022	9780323901710
5	Inverse Impulsive Optimal Neural Control for Complex Networks Applied to Epidemic Influenza Type A Model	ESTEBAN ABELARDO HERNANDEZ VARGAS Ramirez N.F. Alanis A.Y. et al.	Procedin gs Paper	2021	9781728188645
6	Modeling Viral Infections	ESTEBAN ABELARDO HERNANDEZ VARGAS	Capítulo de un Libro	2020	9780128160770
7	Discrete-Time Neural Identification of a SIR Epidemic Model	ESTEBAN ABELARDO HERNANDEZ VARGAS Covarrubias R. Alanis A.Y. et al.	Conferenc e Paper	2019	9781538646250
8	Modeling and control of infectious diseases in the host: With MATLAB and R	ESTEBAN ABELARDO HERNANDEZ VARGAS Sánchez E.	Libro Completo	2019	9780128130520



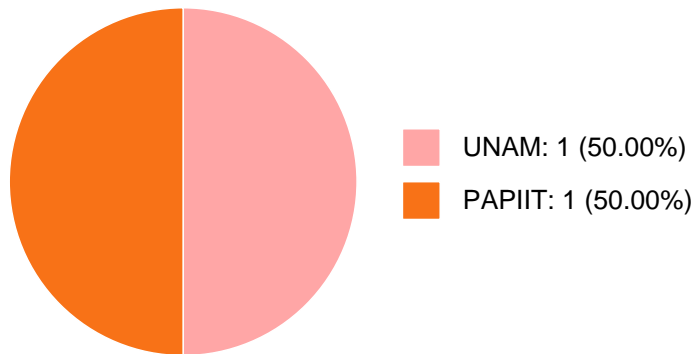
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9	State estimation for stochastic nonlinear systems with applications to viral infections	ESTEBAN ABELARDO HERNANDEZ VARGAS Hernandez-Gonzalez M. Hernandez-Mejia G. et al.	Conferenc e Paper	2019	9783907144008
10	Recurrent High Order Neural Networks Identification for Infectious Diseases	ESTEBAN ABELARDO HERNANDEZ VARGAS Hernandez-Mejia G. Alanis A.Y. et al.	Conferenc e Paper	2018	9781509060146
11	Inverse Optimal Impulsive Control for a SIR Epidemic Model	ESTEBAN ABELARDO HERNANDEZ VARGAS Sanchez E.N. Covarrubias R. et al.	Conferenc e Paper	2018	9781538670323
12	A comparative study of differential evolution algorithms for parameter fitting procedures	ESTEBAN ABELARDO HERNANDEZ VARGAS Torres-Cerna C.E. Alanis A.Y. et al.	Conferenc e Paper	2016	9781509006229

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Modelado matemático de enfermedades infecciosas.	ESTEBAN ABELARDO HERNANDEZ VARGAS	Presupuesto de la UNAM asignado a la Dependencia	01-01-2020	31-12-2022
2	Desarrollo de Modelos Matemáticos para enfermedades infecciosas y su Análisis Numérico.	ESTEBAN ABELARDO HERNANDEZ VARGAS	Recursos PAPIIT	01-01-2021	31-12-2023



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PARTICIPACIÓN EN TESIS

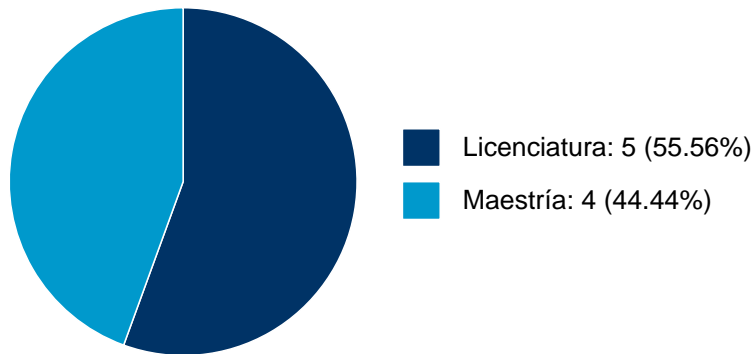
No se encuentran registros en la base de datos de TESIUNAM asociados a:

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	ESTANCIA DE INVESTIGACION VI	ESCUELA NACIONAL DE ESTUDIOS SUPERIORES, UNIDAD JURIQUILLA, QRTO.	15	2022-2
2	Maestría	TEMAS SELECTOS DE ANÁLISIS NUMÉRICO Y COMPUTACIÓN CIENTÍFICA (INCLUYENDO MODELACIÓN) II	Instituto de Matemáticas	14	2022-1
3	Licenciatura	SEMI. DE ANALISIS NUMERICO	Facultad de Ciencias	9	2021-2
4	Licenciatura	ESTANCIA DE INVESTIGACION VI	ESCUELA NACIONAL DE ESTUDIOS SUPERIORES, UNIDAD JURIQUILLA, QRTO.	14	2021-2
5	Licenciatura	PRACTICA PROFESIONAL SUPERVISADA	Facultad de Ciencias	15	2021-1
6	Licenciatura	CALCULO I	ESCUELA NACIONAL DE ESTUDIOS SUPERIORES, UNIDAD JURIQUILLA, QRTO.	29	2021-1
7	Maestría	CURSO AVANZADO DE ANÁLISIS NUMÉRICO Y COMPUTACIÓN CIENTÍFICA (INCLUYENDO MODELACIÓN) INTELIGENCIA ARTIFICIAL AL ANALISIS SUPERVISADO DE DATOS	Instituto de Matemáticas	15	2021-1
8	Maestría	ALGORITMOS Y MÉTODOS COMPUTACIONALES	Instituto de Investigaciones en Materiales	2	2021-1



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9	Maestría	CURSO AVANZADO DE ANÁLISIS NUMÉRICO Y COMPUTACIÓN CIENTÍFICA (INCLUYENDO MODELACIÓN) INTELIGENCIA ARTIFICIAL AL ANALISIS SUPERVISADO DE DATOS	Instituto de Matemáticas	1	2020-2
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Simplificación de la Gestión Institucional
Reporte individual



ESTEBAN ABELARDO HERNANDEZ VARGAS

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