

## Manuel de la Sen



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Automation Control Systems  
Mathematics (Applied)

	Total	Desde 2015
Citas	6733	2472
Índice h	42	23
Índice i10	180	65

TÍTULO	CITADO POR	AÑO
<a href="#">Preserving positive realness through discretization</a> M De la Sen Positivity, 31-45	98	2002
<a href="#">State feedback sliding mode control of a class of uncertain time delay systems</a> N Luo, M de la Sen IEE Proceedings D (Control Theory and Applications) 140 (4), 261-274	97	1993
<a href="#">On <math>\phi</math>-convex functions</a> ME Gordji, MR Delavar, M De La Sen J. Math. Inequal 10 (1), 173-183	93	2016
<a href="#">Sliding-mode control of wave power generation plants</a> AJ Garrido, I Garrido, M Amundarain, M Alberdi, M De la Sen IEEE Transactions on Industry Applications 48 (6), 2372-2381	90	2012
<a href="#">About robust stability of Caputo linear fractional dynamic systems with time delays through fixed point theory</a> M De la Sen Fixed Point Theory and Applications 2011, 1-19	87	2011
<a href="#">Complementary control of oscillating water column-based wave energy conversion plants to improve the instantaneous power output</a> M Alberdi, M Amundarain, AJ Garrido, I Garrido, O Casquero, M De la Sen IEEE Transactions on Energy Conversion 26 (4), 1021-1032	83	2011
<a href="#">The reachability and observability of hybrid multirate sampling linear systems</a> M De la Sen Computers & Mathematics with Applications 31 (1), 109-122	83	1996
<a href="#">Robust stabilization of a class of uncertain time delay systems in sliding mode</a> N Luo, M de la Sen, J Rodellar International Journal of Robust and Nonlinear Control: IFAC-Affiliated ...	76	1997
<a href="#">Linking contractive self-mappings and cyclic Meir-Keeler contractions with Kannan self-mappings</a> M De la Sen Fixed Point Theory and Applications 2010 (1), 572057	72	2010
<a href="#">On the uniform exponential stability of a wide class of linear time-delay systems</a> M De la Sen, N Luo Journal of Mathematical Analysis and Applications 289 (2), 456-476	72	2004
<a href="#">On some structures of stabilizing control laws for linear and time-invariant systems with bounded point delays and unmeasurable state</a> M de la Sen American Control Conference, 1993, 1041-1045	72 *	1993
<a href="#">On a generalized time-varying SEIR epidemic model with mixed point and distributed time-varying delays and combined regular and impulsive vaccination controls</a> M De la Sen, RP Agarwal, A Ibeas, S Alonso-Quesada Advances in Difference Equations 2010	71	2011
<a href="#">The generalized Beverton–Holt equation and the control of populations</a> M De la Sen Applied Mathematical Modelling 32 (11), 2312-2328	69	2008

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On positivity of singular regular linear time-delay time-invariant systems subject to multiple internal and external incommensurate point delays M De la Sen Applied Mathematics and Computation 190 (1), 382-401	69	2007
A method for general design of positive real functions M De la Sen IEEE Transactions on Circuits and Systems I: Fundamental Theory and ...	68	1998
Quadratic stability and stabilization of switched dynamic systems with uncommensurate internal point delays M de la Sen Applied Mathematics and Computation 185 (1), 508-526	66	2007
Output feedback sliding mode control of base isolated structures N Luo, J Rodellar, M De la Sen, J Vehí Journal of the Franklin Institute 337 (5), 555-577	66	2000
Stability results for switched linear systems with constant discrete delays M De la Sen, A Ibeas Mathematical Problems in Engineering 2008	65	2008
Stability of impulsive time-varying systems and compactness of the operators mapping the input space into the state and output spaces M De la Sen Journal of Mathematical Analysis and Applications 321 (2), 621-650	65	2006
On the existence of equilibrium points, boundedness, oscillating behavior and positivity of a SVEIRS epidemic model under constant and impulsive vaccination M De la Sen, RP Agarwal, A Ibeas, Alonso-Quesada, S. Advances in Difference Equations 2011	64	2011
On orthogonal sets and Banach fixed point theorem ME Gordji, M Ramezani, M De La Sen, YJ Cho Fixed Point Theory 18 (2), 569-578	63	2017
Control issues for the Beverton–Holt equation in ecology by locally monitoring the environment carrying capacity: Non-adaptive and adaptive cases M De la Sen, S Alonso-Quesada Applied Mathematics and Computation 215 (7), 2616-2633	63	2009
Robustly stable multiestimation scheme for adaptive control and identification with model reduction issues A Bilbao-Guilera, M De la Sen, A Ibeas, S Alonso-Quesada Discrete Dynamics in Nature and Society 2005	62	2005
On the robust adaptive stabilization of a class of nominally first-order hybrid systems M De La Sen IEEE Transactions on Automatic Control 44 (3), 597-602	61	1999
A fixed point theorem for generalized weak contractions SL Singh, R Kamal, M De la Sen, R Chugh Filomat 29 (7), 1481-1490	60	2015
A control theory point of view on Beverton–Holt equation in population dynamics and some of its generalizations M De la Sen, S Alonso-Quesada Applied Mathematics and Computation 199 (2), 464-481	60	2008
Composite semiactive control of a class of seismically excited structures N Luo, J Rodellar, J Vehí, M De la Sen Journal of the Franklin Institute 338 (2-3), 225-240	60	2001

TÍTULO	CITADO POR	AÑO
<a href="#">On the global asymptotic stability of switched linear time-varying systems with constant point delays</a> M de la Sen, A Ibeas Discrete Dynamics in Nature and Society 2008	59	2008
<a href="#">Robustly stable adaptive control of a tandem of master-slave robotic manipulators with force reflection by using a multiestimation scheme</a> A Ibeas, M De La Sen IEEE Transactions on Systems, Man, and Cybernetics, Part B (Cybernetics) 36 ...	59	2006
<a href="#">A note on the stability of linear time-delay systems with impulsive inputs</a> M De La Sen, N Luo IEEE Transactions on Circuits and Systems I: Fundamental Theory and ...	59	2003
<a href="#">Second-order counterexamples to the discrete-time Kalman conjecture</a> WP Heath, J Carrasco, M de la Sen Automatica 60, 140-144	58	2015
<a href="#">Application of the non-periodic sampling to the identifiability and model matching problems in dynamic systems</a> MDELA SEN International Journal of Systems Science 14 (4), 367-383	58	1983
<a href="#">Sufficiency-type stability and stabilization criteria for linear time-invariant systems with constant point delays</a> M De la Sen Acta Applicandae Mathematicae 83 (3), 235-256	57	2004
<a href="#">Improving the stability properties of the zeros of sampled systems with fractional order hold</a> R Barcena, M De la Sen, I Sagastabéitia IEE Proceedings-Control Theory and Applications 147 (4), 456-464	55	2000
<a href="#">Online optimisation of the free parameters in discrete adaptive control systems</a> M De la Sen IEE Proceedings D (Control Theory and Applications) 131 (4), 146-157	55	1984
<a href="#">Multirate hybrid adaptive control</a> M De la Sen IEEE Transactions on Automatic Control 31 (6), 582-586	53	1986
<a href="#">Adaptive sampling for improving the adaptation transients in hybrid adaptive control</a> M De la Sen International Journal of Control 41 (5), 1189-1205	53	1985
<a href="#">Model-matching-based control of the Beverton-Holt equation in ecology</a> M De la Sen, S Alonso-Quesada Discrete Dynamics in Nature and Society 2008	51	2008
<a href="#">New fixed point theorem under R-contractions</a> AFRL De Hierro, N Shahzad Fixed Point Theory and Applications 2015 (1), 98	50	2015
<a href="#">New fixed point theorem under R-contractions</a> AFRL De Hierro, N Shahzad Fixed Point Theory and Applications 2015 (1), 98	50	2015
<a href="#">Fundamental properties of linear control systems with after-effect—I: The continuous case</a> M De la Sen Mathematical and Computer Modelling 10 (7), 473-489	49	1988
<a href="#">A fixed point result and the stability problem in Lie superalgebras</a>	45	2015

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M Eshaghi, S Abbaszadeh, M de la Sen, Z Farhad Fixed Point Theory and Applications 2015 (1), 1-12		
<a href="#">On The Stability of Conditional Homomorphisms in Lie <math>C^*</math>-algebras</a> M Eshaghi, S Abbaszadeh, M De la Sen Journal of Generalized Lie Theory and Applications 9 (1)	45	2015
<a href="#">Some generalizations of Hermite–Hadamard type inequalities</a> MR Delavar, M De La Sen SpringerPlus 5 (1), 1661	42	2016
<a href="#">On vaccination controls for the SEIR epidemic model</a> M De la Sen, A Ibeas, S Alonso-Quesada Communications in Nonlinear Science and Numerical Simulation 17 (6), 2637-2658	42	2012
<a href="#">A method for improving the adaptation transient using adaptive sampling</a> MDELA SEN International Journal of control 40 (4), 639-665	41	1984
<a href="#">About robust stability of dynamic systems with time delays through fixed point theory</a> M De la Sen Fixed Point Theory and Applications 2008, 35	40	2008
<a href="#">Vaccination strategies based on feedback control techniques for a general SEIR-epidemic model</a> M De la Sen, S Alonso-Quesada Applied Mathematics and Computation 218 (7), 3888-3904	37	2011
<a href="#">Exponential stability of simultaneously triangularizable switched systems with explicit calculation of a common Lyapunov function</a> A Ibeas, M de la Sen Applied Mathematics Letters 22 (10), 1549-1555	36	2009
<a href="#">Total stability properties based on fixed point theory for a class of hybrid dynamic systems</a> M De la Sen Fixed Point Theory and Applications 2009, 18	36	2009
<a href="#">Basic theoretical results for expert systems. Application to the supervision of adaptation transients in planar robots</a> M De la Sen, JJ Miñambres, AJ Garrido, A Almansa, JC Soto Artificial intelligence 152 (2), 173-211	36	2004
<a href="#">Design of linear observers for a class of linear hybrid systems</a> M De La Sen, N Luo International Journal of Systems Science 31 (9), 1077-1090	36	2000
<a href="#">About the properties of a modified generalized Beverton-Holt equation in ecology models</a> M De la Sen Discrete Dynamics in Nature and Society 2008	34	2008
<a href="#">Some fixed point-type results for a class of extended cyclic self-mappings with a more general contractive condition</a> M De la Sen, RP Agarwal Fixed Point Theory and Applications 2011 (1), 59	33	2011
<a href="#">Feedback linearization-based vaccination control strategies for true-mass action type SEIR epidemic models</a> M De la Sen, A Ibeas, S Alonso-Quesada Nonlinear Analysis: Modelling and Control 16 (3), 283-314	31	2011
<a href="#">Common fixed points of generalized cocyclic mappings in complex valued metric</a>	30	2015

TÍTULO	CITADO POR	AÑO
<b>spaces</b> M Abbas, M De la Sen, T Nazir Discrete Dynamics in Nature and Society 2015		
<b>Adaptive control based on special compensation methods for time-varying systems subject to bounded disturbances</b> V Etxebarria, M De la Sen International Journal of Control 61 (3), 667-694	30	1995
<b>Model-based expert system to automatically adapt milling forces in Pareto optimal multi-objective working points</b> L Rubio, M De la Sen, AP Longstaff, S Fletcher Expert systems with applications 40 (6), 2312-2322	29	2013
<b>Positivity and stability of the solutions of Caputo fractional linear time-invariant systems of any order with internal point delays</b> M De la Sen Abstract and Applied Analysis 2011	29	2011
<b>Some combined relations between contractive mappings, Kannan mappings, reasonable expansive mappings, and-stability</b> M De la Sen Fixed Point Theory and Applications 2009, 1-25	29	2009
<b>Robust adaptive control of linear time-delay systems with point time-varying delays via multiestimation</b> M De la Sen Applied mathematical modelling 33 (2), 959-977	29	2009
<b>Stability results of a class of hybrid systems under switched continuous-time and discrete-time control</b> M De la Sen, A Ibeas Discrete Dynamics in Nature and Society 2009	29	2009
<b>Stable multi-estimation model for single-input single-output discrete adaptive control systems</b> A Ibeas, M De la Sen, S Alonso-Quesada International Journal of Systems Science 35 (8), 479-501	29	2004
<b>On a new epidemic model with asymptomatic and dead-infective subpopulations with feedback controls useful for Ebola disease</b> M De la Sen, A Ibeas, S Alonso-Quesada, R Nistal Discrete dynamics in Nature and society 2017	28	2017
<b>Suboptimal regulation of a class of bilinear interconnected systems with finite-time sliding planning horizons</b> M De La Sen, AJ Garrido, JC Soto, O Barambones, I Garrido Mathematical Problems in Engineering 2008	28	2008
<b>Model matching via multirate sampling with fast sampled input guaranteeing the stability of the plant zeros: extensions to adaptive control</b> M De la Sen, S Alonso-Quesada IET Control Theory & Applications 1 (1), 210-225	28	2007
<b>On pole-placement controllers for linear time-delay systems with commensurate point delays</b> M De la Sen Mathematical Problems in Engineering 2005	28	2005
<b>Discrete control for a computer hard disk by using a fractional order hold device</b> R Barcena, M De la Sen, I Sagastabertia, JM Collantes IEE Proceedings-Control Theory and Applications 148 (2), 117-124	28	2001

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<a href="#">Composite robust active control of seismically excited structures with actuator dynamics</a> N Luo, J Rodellar, M De Le Sen <i>Earthquake engineering &amp; structural dynamics</i> 27 (3), 301-311	28	1998
<a href="#">Asymptotical stability and stabilization of descriptor systems</a> Q Zhang, G Dai, J Lam, L Zhang, M De La Sen <i>Acta Automatica Sinica</i> 24, 211-215	28	1998
<a href="#">On the stability of an SEIR epidemic model with distributed time-delay and a general class of feedback vaccination rules</a> M De la Sen, S Alonso-Quesada, A Ibeas <i>Applied Mathematics and Computation</i> 270, 953-976	27	2015
<a href="#">On the stability properties of linear dynamic time-varying unforced systems involving switches between parameterizations from topologic considerations via graph theory</a> M De la Sen, A Ibeas <i>Discrete Applied Mathematics</i> 155 (1), 7-25	27	2007
<a href="#">Robust adaptive control of discrete nominally stabilizable plants</a> S Alonso-Quesada, M De la Sen <i>Applied Mathematics and Computation</i> 150 (2), 555-583	27	2004
<a href="#">Discretization and FIR filtering of continuous linear systems with internal and external point delays</a> MDELA SEN, N LUO <i>International Journal of Control</i> 60 (6), 1223-1246	27	1994
<a href="#">Fixed point-type results for a class of extended cyclic self-mappings under three general weak contractive conditions of rational type</a> M De la Sen, RP Agarwal <i>Fixed Point Theory and Applications</i> 2011 (1), 102	26	2011
<a href="#">Decentralized Resilient H-infinity Observer-based Control for a Class of Uncertain Interconnected Networked Systems</a> M Lubomir, D la Sen M. <i>American Control Conference</i> 1 (1), 1338-1343	26	2010
<a href="#">On positivity and stability of a class of time-delay systems</a> M De la Sen <i>Nonlinear Analysis: Real World Applications</i> 8 (3), 749-768	26	2007
<a href="#">Allocation of poles of delayed systems related to those associated with their undelayed counterparts</a> MD Sen <i>Electronics Letters</i> 36 (4), 373-373	26	2000
<a href="#">On vaccination control tools for a general SEIR-epidemic model</a> M De la Sen, S Alonso-Quesada 18th Mediterranean Conference on Control and Automation, MED'10, 1322-1328	24	2010
<a href="#">On Impulsive Time-Varying Systems with Unbounded Time-Varying Point Delays: Stability and Compactness of the Relevant Operators Mapping the Input Space</a> M De la Sen <i>Rocky Mountain Journal of Mathematics</i> 37 (1)	24	2007
<a href="#">On the properties of reachability, observability, controllability, and constructibility of discrete-time positive time-invariant linear systems with aperiodic choice of the ...</a> M De la Sen <i>Discrete Dynamics in Nature and Society</i> 2007	24	2007
<a href="#">Decentralized active control of a class of uncertain cable-stayed flexible structures</a> N Luo, J Rodellar, M de la Sen, J Vehí <i>International Journal of Control</i> 75 (4), 285-296	24	2002

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<a href="#">The stabilizability of integro-differential systems with two distributed delays</a> CF Alastruey, M De la Sen, JRG De Mendivil Mathematical and Computer Modelling 21 (8), 85-94	24	1995
<a href="#">A new modelling for aperiodic sampling systems</a> MDELA SEN International journal of systems science 15 (3), 315-328	24	1984
<a href="#">Wind turbine output power maximization based on sliding mode control strategy</a> O Barambones, P Alkorta, M De La Sen 2010 IEEE International Symposium on Industrial Electronics, 364-369	23	2010
<a href="#">On the intrinsic limiting zeros as the sampling period tends to zero</a> M De la Sen, R Bárcena, AJ Garrido IEEE Int. Symp. on Circuits and Systems-IASI Ro, 229-232	23	2001
<a href="#">Decentralized stabilization of networked complex composite systems with nonlinear perturbations</a> L Bakule, M de la Sen 2009 IEEE International Conference on Control and Automation, 2272-2277	22	2009
<a href="#">Robust stability of a class of linear time-varying systems</a> M De la Sen IMA Journal of Mathematical Control and Information 19 (4), 399-418	22	2002
<a href="#">Robust adaptive regulation of potentially inversely unstable first-order hybrid systems</a> M De la Sen, S Alonso-Quesada Journal of the Franklin Institute 336 (4), 627-648	22	1999
<a href="#">Robust sliding control of robotic manipulators based on a heuristic modification of the sliding gain</a> A Ibeas, M De La Sen Journal of Intelligent and Robotic Systems 48 (4), 485-511	21	2007
<a href="#">A robustly stable multiestimation-based adaptive control scheme for robotic manipulators</a> A Ibeas, M De la Sen	21	2006
<a href="#">The existence and numerical solution for a k-dimensional system of multi-term fractional integro-differential equations</a> M De la Sen, V Hedayati, YG Atani, S Rezapour Nonlinear Analysis, Modelling and Control 22 (2), 188-209	20	2017
<a href="#">Non-expansive and potentially expansive properties of two modified p-cyclic self-maps in metric spaces</a> M De la Sen, RP Agarwal, R Nistal Journal of Nonlinear and Convex Analysis 14 (4), 661-686	20	2013
<a href="#">An observer-based vaccination control law for an SEIR epidemic model based on feedback linearization techniques for nonlinear systems</a> S Alonso-Quesada, M De la Sen, RP Agarwal, A Ibeas Advances in Difference Equations 2012 (1), 161	20	2012
<a href="#">Multimodel-based techniques for the identification and adaptive control of delayed multi-input multi-output systems</a> J Herrera, A Ibeas, S Alcantara, M De la Sen IET Control Theory & Applications 5 (1), 188-202	20	2011
<a href="#">A simple vaccination control strategy for the SEIR epidemic model</a> M De la Sen, S Alonso-Quesada 2010 IEEE International Conference on Management of Innovation & Technology ...	20	2010

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<a href="#">Optimal coincidence point results in partially ordered non-Archimedean fuzzy metric spaces</a> M Abbas, N Saleem, M De la Sen Fixed Point Theory and Applications 2016 (1), 44	19	2016
<a href="#">Robust adaptive control with multiple estimation models for stabilization of a class of non-inversely stable time-varying plants</a> S Alonso-Quesada, M De la Sen Asian Journal of Control 6 (1), 59-73	19	2004
<a href="#">On the asymptotic hyperstability of dynamic systems with point delays</a> M De la Sen IEEE Transactions on Circuits and Systems I: Fundamental Theory and ...	19	2003
<a href="#">State Feedback Sliding Mode Controls of a Class of Time-Delay systems</a> N Luo, M De La Sen American Control Conference, ACC'92, 894-895	19	1992
<a href="#">On the asymptotic hyperstability of switched systems under integral-type feedback regulation Popovian constraints</a> M Sen, S Alonso-Quesada, A Ibeas IMA Journal of Mathematical Control and Information 32 (2), 359-386	18	2015
<a href="#">Some results on best proximity points of cyclic contractions in probabilistic metric spaces</a> M De la Sen, E Karapınar Journal of Function Spaces 2015	18	2015
<a href="#">Stable iteration procedures in metric spaces which generalize a Picard-type iteration</a> M De la Sen Fixed Point Theory and Applications 2010, 1-15	18	2010
<a href="#">On the sufficiently small sampling period for the convenient tuning of fractional-order hold circuits</a> R Bárcena, M De la Sen IEE Proceedings-Control Theory and Applications 150 (2), 183-188	18	2003
<a href="#">Robust direct adaptive control for a class of systems with delays</a> M DE LA SEN, J JUGO IMA Journal of Mathematical Control and Information 15 (1), 25-52	18	1998
<a href="#">Non-periodic and adaptive sampling. A tutorial review</a> M de la Sen Informatica 7 (2), 175-228	18	1996
<a href="#">A note on the transmission of relative errors in the observability problem</a> S Dormido, M De la Sen IEEE Transactions on Automatic Control 24 (4), 634-635	18	1979
<a href="#">On the discretization and control of an SEIR epidemic model with a periodic impulsive vaccination</a> S Alonso-Quesada, M De la Sen, A Ibeas Communications in Nonlinear Science and Numerical Simulation 42, 247-274	17	2017
<a href="#">About the positivity of a class of hybrid dynamic linear systems</a> M De la Sen Applied Mathematics and Computation 189 (1), 852-868	17	2007
<a href="#">Some conceptual links between dynamic physical systems and operator theory issues concerning energy balances and stability</a> M De la Sen Informatica 16 (3), 395-406	17	2005

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<a href="#">A multiestimation scheme for discrete adaptative control which guarantees closed-loop stability</a> A Ibeas, M De, S La Sen In, Proceedings of the 6th WSEAS Multiconference on Systems	17	2002
<a href="#">Robust adaptive stabilization of time-invariant first-order hybrid systems with covariance resetting</a> M De la Sen International journal of non-linear mechanics 33 (1), 47-57	17	1998
<a href="#">Criterios generales de determinación de leyes de muestreo adaptativo</a> S Dormido, M de la Sen, M Mellado Revista de Informática y Automática 38, 13-29	17	1978
<a href="#">The Sugeno fuzzy integral of log-convex functions</a> S Abbaszadeh, M Eshaghi, M de la Sen Journal of Inequalities and Applications 2015 (1), 1-12	16	2015
<a href="#">On a cyclic Jungck modified TS-iterative procedure with application examples</a> M De la Sen, E Karapinar Applied Mathematics and Computation 233, 383-397	16	2014
<a href="#">Best proximity points of generalized semicyclic impulsive self-mappings: applications to impulsive differential and difference equations</a> M De la Sen, E Karapinar Abstract and Applied Analysis 2013	16	2013
<a href="#">On the reachability and controllability of positive linear time-invariant dynamic systems with internal and external incommensurate point delays</a> M De la Sen The Rocky Mountain Journal of Mathematics, 177-207	16	2010
<a href="#">The environment carrying capacity is not independent of the intrinsic growth rate for subcritical spawning stock biomass in the Beverton–Holt equation</a> M De la Sen Ecological Modelling 1 (204), 271-273	16	2007
<a href="#">Robust stabilization of a class of polytopic linear time-varying continuous systems under point delays and saturating controls</a> M De la Sen Applied Mathematics and Computation 181 (1), 73-83	16	2006
<a href="#">An HIV/AIDS model with variable force of infection and its application to the epidemic in Uganda</a> F Baryarama, JYT Mugisha, LS Luboobi, M De la Sen, BBK Huat, FH Ali, ... American Journal of Applied Sciences 2 (9), 1274-1278	16	2005
<a href="#">A result on the hyperstability of a class of hybrid dynamic systems</a> M De la Sen IEEE transactions on automatic control 42 (9), 1335-1339	16	1997
<a href="#">NONPERIODIC SAMPLING AND MODEL MATCHING</a> M DE LA SEN structure 16, 667-668	16	1980
<a href="#">Nonperiodic sampling and identifiability</a> M DE LA SEN, S DORMIDO Inst. Phys. Conf. Ser 33, 37-44	16	1977
<a href="#">Hybrid Ćirić type graphic Y, <math>\Lambda</math>-contraction mappings with applications to electric circuit and fractional differential equations</a> E Ameer, H Aydi, M Arshad, M De la Sen Symmetry 12 (3), 467	15	2020

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<a href="#">N-fixed point theorems for nonlinear contractions in partially ordered metric spaces</a> M Paknazar, ME Gordji, M De La Sen, SM Vaezpour Fixed Point Theory and Applications 2013 (1), 111	15	2013
<a href="#">Observer-based vaccination strategy for a true mass action SEIR epidemic model with potential estimation of all the populations</a> M De la Sen, A Ibeas, S Alonso-Quesada Discrete Dynamics in Nature and Society 2011	15	2011
<a href="#">Artificial Intelligence Tools for Discrete Multiestimation Adaptive Control Scheme with Model Reduction Issues</a> A Bilbao-Guilera, M De La Sen, S Alonso-Quesada, A Ibeas Proc. of the Int. Association of Science and Technology, Artificial ...	15	2004
<a href="#">Multirate digital adaptive control</a> M De la Sen Computers & Mathematics with Applications 11 (12), 1193-1210	15	1985
<a href="#">Compensation of discrete Systems to variations in their parameters by changing sampling period</a> MB PAZ, M DE LA SEN, S DORMIDO, M MELLADO Electronics Letters 18 (10)	15	1982
<a href="#">Stability analysis and observer design for discrete-time SEIR epidemic models</a> A Ibeas, M de la Sen, S Alonso-Quesada, I Zamani Advances in Difference Equations 2015 (1), 1-21	14	2015
<a href="#">On Best Proximity Point Theorems and Fixed Point Theorems for-Cyclic Hybrid Self-Mappings in Banach Spaces</a> M De la Sen Abstract and Applied Analysis 2013	14	2013
<a href="#">Identification and control of integrative MIMO systems using pattern search algorithms: An application to irrigation channels</a> J Herrera, A Ibeas, M de la Sen Engineering Applications of Artificial Intelligence 26 (1), 334-346	14	2013
<a href="#">On the equilibrium points, boundedness and positivity of a SVEIRS epidemic model under constant regular constrained vaccination</a> M De la Sen, I Asier, S Alonso-Quesada, R Nistal Informatica 22 (3), 339-370	14	2011
<a href="#">A stable multimodel scheme control for the regulation of the transient behavior of a tunnel-diode trigger circuit</a> A Bilbao-Guilera, M De la Sen, S Alonso-Quesada, A Ibeas ISA transactions 46 (3), 313-326	14	2007
<a href="#">Stability criteria for linear time-invariant systems with point delays based on one-dimensional Routh–Hurwitz tests</a> M De la Sen Applied Mathematics and Computation 187 (2), 1199-1207	14	2007
<a href="#">Stability of non-neutral and neutral dynamic switched systems subject to internal delays</a> MD Sen, JL Malaina, A Gallego, JC Soto Am J Appl Sci 2 (10), 1481-1490	14	2005
<a href="#">An algebraic method for pole placement in multivariable systems with internal and external point delays by using single rate or multirate sampling</a> M De la Sen Dynamics and Control 10 (1), 5-31	14	2000
<a href="#">Adaptive controller for continuous systems with single internal and external delays</a>	14	1996

TÍTULO	CITADO POR	AÑO
M De La Sen Dynamics and Control 6 (4), 387-403		
Energy balances in dynamic systems in the presence of unmodelled dynamics by using specifications in the frequency domain	14	1990
M De la Sen IEE Proceedings D (Control Theory and Applications) 137 (1), 41-48		
A switched multicontroller for an SEIADR epidemic model with monitored equilibrium points and supervised transients and vaccination costs	13	2018
M De la Sen, RP Agarwal, R Nistal, S Alonso-Quesada, A Ibeas Advances in Difference Equations 2018 (1), 390		
Coincidence point theorems in quasi-metric spaces without assuming the mixed monotone property and consequences in G-metric spaces	13	2014
AF Roldán-López-de-Hierro, E Karapınar, M de la Sen Fixed Point Theory and Applications 2014 (1), 1-29		
Identification and control of delayed SISO systems through pattern search methods	13	2013
J Herrera, A Ibeas, S Alcántara, M de la Sen, SI Serna-Garcés Journal of the Franklin Institute 350 (10), 3128-3148		
Common fixed points and best proximity points of two cyclic self-mappings	13	2012
M De la Sen, RP Agarwal Fixed Point Theory and Applications 2012 (1), 136		
Non-Fragile controllers for a class of time-delay nonlinear systems	13	2009
L Bakule, M Sen Kybernetika 45 (1), 15-32		
Multiple-model based intelligent control techniques for Iti systems with unknown external delays. part i: Known rational component	13	2008
A Ibeas, R Vilanova, P Balaguer, M De La Sen International Journal of Innovative Computing, Information and Control 4 (2 ...)		
Parameter dependent Lyapunov functions for robust stability of time-varying linear systems under point delays	13	2006
M de la Sen Applied Mathematics and Computation 179 (2), 612-621		
Absolute stability of feedback systems independent of internal point delays	13	2005
M De la Sen IEE Proceedings-Control Theory and Applications 152 (5), 567-574		
Stability results for two classes of linear time-delay and hybrid systems	13	2004
M De la Sen, CF Alastruey Engineering Computations		
On a SIR model in a patchy environment under constant and feedback decentralized controls with asymmetric parameterizations	12	2019
M De la Sen, A Ibeas, S Alonso-Quesada, R Nistal Symmetry 11 (3), 430		
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