JoÃ£o Carlos Da Rocha J C R Medrado M

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/20577/publications.pdf

Version: 2024-02-01

20 papers	293 citations	933447 10 h-index	888059 17 g-index
20 all docs	20 docs citations	20 times ranked	146 citing authors

#	Article	IF	Citations
1	Three Crossing Limit Cycles in a 3D-Filippov System Having a T-Singularity. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2022, 32, .	1.7	0
2	Limit cycles in 4-star-symmetric planar piecewise linear systems. Journal of Differential Equations, 2020, 268, 2414-2434.	2.2	11
3	Crossing limit cycles for piecewise linear differential centers separated by a reducible cubic curve. Electronic Journal of Qualitative Theory of Differential Equations, 2020, , 1-48.	0.5	7
4	Limit cycles of continuous and discontinuous piecewise-linear differential systems in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml8" display="inline" overflow="scroll" altimg="si8.gif"><mml:msup><mml:mrow><mml:mi mathvariant="double-struck">R</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msup></mml:math>. Journal of Computational and Applied Mathematics, 2018, 338, 311-323.	2.0	8
5	Hopf and zero-Hopf bifurcations in the Hindmarshâ€“Rose system. Nonlinear Dynamics, 2016, 83, 1549-1556.	5.2	19
6	Uniqueness of limit cycles for sewing planar piecewise linear systems. Journal of Mathematical Analysis and Applications, 2015, 431, 529-544.	1.0	42
7	Piecewise linear differential systems with two real saddles. Mathematics and Computers in Simulation, 2014, 95, 13-22.	4.4	60
8	PeixotoÊ¼s Theorem for vector fields onS2with impasse points. Bulletin Des Sciences Mathematiques, 2013, 137, 691-704.	1.0	2
9	Generic bifurcation of refracted systems. Advances in Mathematics, 2013, 234, 653-666.	1.1	26
10	On the limit cycles of a class of piecewise linear differential systems in with two zones. Mathematics and Computers in Simulation, 2011, 82, 533-539.	4.4	5
11	Limit cycles, invariant meridians and parallels for polynomial vector fields on the torus. Bulletin Des Sciences Mathematiques, 2011, 135, 1-9.	1.0	7
12	Phase Portraits of Reversible Linear Differential Systems with Cubic Homogeneous Polynomial Nonlinearities Having a Non-degenerate Center at the Origin. Qualitative Theory of Dynamical Systems, 2009, 7, 369-403.	1.7	20
13	On persistent centers. Bulletin Des Sciences Mathematiques, 2009, 133, 644-657.	1.0	7
14	Bifurcation of limit cycles from a centre in â„4in resonance 1:N. Dynamical Systems, 2009, 24, 123-137.	0.4	11
15	Limit cycles for Singular Perturbation Problems via Inverse Integrating Factor. Boletim Da Sociedade Paranaense De Matematica, 2008, 26, .	0.4	0
16	On the invariant hyperplanes ford-dimensional polynomial vector fields. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 8385-8391.	2.1	19
17	Periodic orbits for a class of reversible quadratic vector field on <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd"	1.0	13
18	Darboux Integrability and Reversible Quadratic Vector Fields. Rocky Mountain Journal of Mathematics, 2005, 35, .	0.4	14

#	Article	IF	Citations
19	Codimension-two singularities of reversible vector fields in 3D. Qualitative Theory of Dynamical Systems, 2001, 2, 399-428.	1.7	6
20	Symmetric singularities of reversible vector fields in dimension three. Physica D: Nonlinear Phenomena, 1998, 112, 122-131.	2.8	16