G Vegter

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11053693/publications.pdf

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15	429	933447 10	1125743 13
papers	citations	h-index	g-index

15	15	15	212
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Topologically sweeping visibility complexes via pseudotriangulations. Discrete and Computational Geometry, 1996, 16, 419-453.	0.6	92
2	Subordinate Åil'nikov bifurcations near some singularities of vector fields having low codimension. Ergodic Theory and Dynamical Systems, 1984, 4, 509-525.	0.6	78
3	A normally elliptic Hamiltonian bifurcation. Zeitschrift Fur Angewandte Mathematik Und Physik, 1993, 44, 389-432.	1.4	53
4	Bifurcational Aspects of Parametric Resonance. Dynamics Reported, 1992, , 1-53.	0.6	38
5	The Parametrically Forced Pendulum: A Case Study in 1 1/2 Degree of Freedom. Journal of Dynamics and Differential Equations, 2004, 16, 897-947.	1.9	34
6	Equivariant singularity theory with distinguished parameters: Two case studies of resonant Hamiltonian systems. Physica D: Nonlinear Phenomena, 1998, 112, 64-80.	2.8	33
7	The Inverted Pendulum: A Singularity Theory Approach. Journal of Differential Equations, 1999, 157, 120-149.	2.2	31
8	Resonances in a spring-pendulum: algorithms for equivariant singularity theory. Nonlinearity, 1998, 11, 1569-1605.	1.4	24
9	Numerical continuation of normally hyperbolic invariant manifolds. Nonlinearity, 2007, 20, 1499-1534.	1.4	14
10	Geometry and dynamics of mildly degenerate Hopfâ€“NeÄmarckâ€“Sacker families near resonance. Nonlinearity, 2009, 22, 2161-2200.	1.4	10
11	Recognition of the bifurcation type of resonance in mildly degenerate Hopfâ€“NeÄmarkâ€“Sacker families. Nonlinearity, 2008, 21, 2463-2482.	1.4	7
12	Recovering Structure fromr-Sampled Objects. Computer Graphics Forum, 2009, 28, 1349-1360.	3.0	7
13	Meshing Skin Surfaces with Certified Topology. , 0, , .		5
14	Recognition of resonance type in periodically forced oscillators. Physica D: Nonlinear Phenomena, 2010, 239, 1627-1636.	2.8	3
15	A Versatile Algorithm for Computing Invariant Manifolds. , 0, , 17-37.		0