

Juan Ramon Pacha Andujar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	How Does the Hopf Bifurcation Appear in the Hydrogen Atom in a Circularly Polarized (CP) Microwave Field?. Trends in Mathematics, 2019, , 237-244.	0.1	0
2	Hopf bifurcation for the hydrogen atom in a circularly polarized microwave field. Communications in Nonlinear Science and Numerical Simulation, 2018, 62, 27-60.	3.3	7
3	Description of characteristic non-hyperinvariant subspaces over the field \mathbb{C} . $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="italic"} \rangle GF \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:math} \rangle$. Linear Algebra and its Applications, 2013, 439, 3734-3745.	0.9	5
4	Transversality of homoclinic orbits to hyperbolic equilibria in a Hamiltonian system, via the Hamilton-Jacobi equation. Physica D: Nonlinear Phenomena, 2013, 243, 64-85.	2.8	1
5	Controllability of Continuous Bimodal Linear Systems. Mathematical Problems in Engineering, 2013, 2013, 1-14.	1.1	2
6	Transverse intersections between invariant manifolds of doubly hyperbolic invariant tori, via the Poincaré-Melnikov method. Regular and Chaotic Dynamics, 2010, 15, 222-236.	0.8	4
7	Kolmogorov-Arnold-Moser aspects of the periodic Hamiltonian Hopf bifurcation. Nonlinearity, 2008, 21, 1759-1811.	1.4	8
8	Quantitative estimates on the normal form around a non-semi-simple $1:\tilde{\alpha}^1$ resonant periodic orbit. Nonlinearity, 2005, 18, 1141-1172.	1.4	4
9	Motion close to the Hopf Bifurcation Of the vertical family of periodic orbits of L4. Celestial Mechanics and Dynamical Astronomy, 2004, 90, 87-107.	1.4	10