Recent Advances on Determining the Number of Real R

Citation Report

#	ARTICLE	IF	CITATIONS
1	A complete algorithm for automated discovering of a class of inequality-type theorems. Science in China Series F: Information Sciences, 2001, 44, 33-49.	1.1	65
2	A complete algorithm for counting real solutions of polynomial systems of equations and inequalities. Computers and Mathematics With Applications, 2002, 44, 633-642.	1.4	14
3	About the stability of non-conservative undamped systems. Journal of Sound and Vibration, 2003, 262, 977-988.	2.1	22
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5	A new result on the p-irreducibility of binding polynomials. Computers and Mathematics With Applications, 2004, 48, 1811-1817.	1.4	0
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8	An algebraic approach for delay-independent and delay-dependent stability of linear time-delay systems. , 0, , .		0
10	Solution Classification for the Nonperspective-Three-Point Problem. Journal of Systems Science and Complexity, 2006, 19, 219-226.	1.6	2
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13	Real algebraic numbers and polynomial systems of small degree. Theoretical Computer Science, 2008, 409, 186-199.	0.5	16
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21	Thermodynamic instability of rotating black holes. Physical Review D, 2009, 80, .	1.6	37
22	ABOUT THE STABILITY OF NONCONSERVATIVE UNDAMPED ELASTIC SYSTEMS: SOME NEW ELEMENTS. International Journal of Structural Stability and Dynamics, 2009, 09, 357-367.	1.5	12
23	Automatic computation of the complete root classification for a parametric polynomial. Journal of Symbolic Computation, 2009, 44, 1487-1501.	0.5	6
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25	Automatic synthesis of multiple ranking functions with supporting invariants via DISCOVERER. , 2010, , .		0
26	Recent advances in program verification through computer algebra. Frontiers of Computer Science, 2010, 4, 1-16.	0.6	29
27	Positivity-preserving methods for a linearised Fisher–KPP equation with consistency properties in the energy domain. Journal of Difference Equations and Applications, 2010, 16, 389-405.	0.7	4
28	Performance of LDPC Codes Under Faulty Iterative Decoding. IEEE Transactions on Information Theory, 2011, 57, 4427-4444.	1.5	93
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33	Trajectory Planning of Cable-Suspended Parallel Robots Using Interval Positive-Definite Polynomials. , 2012, , .		0
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35	Real polynomial iterative roots in the case of nonmonotonicity height $\geqslant$ 2. Science China Mathematics, 2012, 55, 2433-2446.	0.8	3
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42	Stabilization of the Unstable Spinning of a Lagrange Top Filled with a Fluid. International Applied Mechanics, 2015, 51, 702-709.	0.2	3
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52	Solving the perspective-three-point problem using comprehensive Gröbner systems. Journal of Systems Science and Complexity, 2016, 29, 1446-1471.	1.6	1
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64	Codimension one and two bifurcations of a discrete stage-structured population model with self-limitation. Journal of Difference Equations and Applications, 2018, 24, 1210-1246.	0.7	6
65	Geodesics on a Kerr–Newman–(anti-)de Sitter instanton. Journal of Geometry and Physics, 2018, 132, 114-130.	0.7	1
66	Dynamics of the Higgins–Selkov and Selkov systems. Chaos, Solitons and Fractals, 2018, 114, 145-150.	2.5	11
67	On the center criterion of planar quasi-homogeneous polynomial differential systems. Bulletin Des Sciences Mathematiques, 2018, 147, 7-25.	0.5	1
68	The Dirac Equation in the Kerr-de Sitter Metric. Gravitation and Cosmology, 2018, 24, 224-244.	0.3	2
69	Complexity in iteration of polynomials. Aequationes Mathematicae, 2019, 93, 985-1007.	0.4	1
70	Classification of the relative positions between a small ellipsoid and an elliptic paraboloid. Computer Aided Geometric Design, 2019, 72, 34-48.	0.5	3
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79	Quantifier elimination theory and maps which preserve semipositivity. Quantum Information Processing, 2021, 20, 1.	1.0	0
80	Stability analysis of delayed food chain systems with heterogeneous free parameters. Journal of the Franklin Institute, 2021, 358, 4883-4894.	1.9	2
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84	Generating Polynomial Invariants with DISCOVERER and QEPCAD. , 2007, , 67-82.		24
85	Discovering Non-linear Ranking Functions by Solving Semi-algebraic Systems. Lecture Notes in Computer Science, 2007, , 34-49.	1.0	43
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97	Linking bifurcation analysis of Holling–Tanner model with generalist predator to a changing environment. Studies in Applied Mathematics, 2022, 149, 124-163.	1.1	15
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