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代表性学术成果

当前位置: [首页](#)>>[学科建设与科研管理](#)>>[代表性学术成果](#)>>正文

“十二五”期间代表性学术成果

2016年04月29日 17:30 点击: [295]

序号	第一/通讯作者	论文题目	发表刊物	发表年
1	何斌	new exact periodic wave solutions for the Dullin-Gottwald-Holm equation	Applied Mathematics and Computation	2011
2	张德飞	Kunita-Watanabe inequalities and Tanaka formula for multi-dimensional G-Brownian motion	Applied Mathematics and Computation	2011
3	杨鑫松	Synchronization of switched neural networks with mixed delays via impulsive control	Chaos, Solitons & Fractals	2011
4	何振华	Strong convergence theorems for equilibrium problems and fixed point problems: A new iterative method, some comments and applications	Fixed Point Theory and Applications	2011
5	何振华	The existence of fixed points for new nonlinear multivalued maps and their applications	Fixed Point Theory and Applications	2011
6	杨鑫松	An LMI approach for exponential synchronization of switched stochastic competitive neural networks with mixed delays	Neural computing and applications	2011
7	杨鑫松	Lag stochastic synchronization of chaotic mixed time-delayed neural networks with uncertain parameters or perturbations	Neurocomputing	2011
8	杨鑫松	Synchronization of delayed complex dynamical networks with impulsive and stochastic effects	Nonlinear Analysis-B, Real World Application	2011
9	张德飞	Exponential stability for stochastic differential equation driven by G-Brownian motion	Applied Mathematics Letters	2012
10	何斌	The bifurcation and exact peakons, solitary and periodic wave solutions for the Kudryashov-Sinelshchikov Equation	Communications in Nonlinear Science and Numerical Simulation	2012
11	林羽	Nonlinear function and the norm of the propagators of operational equations	Communications in Nonlinear Science and Numerical Simulation	2012
12	黄晓昆	Notes on“Vague soft sets and their properties”	Computers & Mathematics with applications	2012
13	何振华	Nonlinear algorithms approach to split common solution problems	Fixed Point Theory and Applications	2012
14	杨鑫松	Stochastic synchronization of complex networks with nonidentical nodes via hybrid adaptive and impulsive control	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS	2012
15	杨鑫松	Synchronization of Markovian coupled neural networks with nonidentical node-delays and random coupling strengths	IEEE TRANSACTIONS ON NEURAL NETWORKS AND	2012

			LEARNING SYSTEMS	
16	李明	一种求解泊松方程的瀑布型代数两层网格法	高等学校计算数学学报	2012
17	易斌	CM分担两个公共值集的亚纯函数唯一性	数学学报	2012
18	易斌	具有两个或三个IM公共值集的亚纯函数	数学学报	2012
19	刘志宏	The properties of a new subclass of harmonic univalent mappings	Abstract and Applied Analysis	2013
20	陈昱	Existence of Nontrivial Solutions and High Energy Solutions for a Class of Quasilinear Schrodinger Equations via the Dual-Perturbation Method	Abstract and Applied Analysis	2013
21	李灿	An extension of the Fletcher-Reeves method to linear equality constrained optimization problem	Applied mathematics and computation	2013
22	李明	New Cascadic Algebraic Methods for the Second Order Elliptic Problems	Applied Mechanics and Materials	2013
23	芮伟国	Different kinds of exact solutions with two-loop character of the two-component short pulse equations of the first kind	Communications in Nonlinear Science and Numerical Simulation	2013
24	李成林	Global existence of solutions to a cross-diffusion predator-prey system with Holling type-II functional response	Communications in Nonlinear Science and Numerical Simulation	2013
25	何应辉	Exact Solutions of the Modified Benjamin-Bona-Mahoney (mBBM) Equation by Using the First Integral Method	Differential Equations and Dynamical Systems	2013
26	何振华	On hybrid split problem and its nonlinear algorithms	Fixed Point Theory and Applications	2013
27	黄晓昆	Characterizations of Semihyperrings by Their (\cdot) -Fuzzy Hyperideals	Journal of Applied Mathematics	2013
28	李成林	An impulsive diffusion predator-prey system in three-species with Beddington-DeAngelis response	Journal of Applied Mathematics and Computing	2013
29	李灿	A Modified Conjugate Gradient Method for Unconstrained Optimization	Journal of Electrical Engineering	2013
30	何应辉	An improved G'/G -expansion method and its application to Kudryashov-Sinelshchikov equation	Mathematical Sciences Research Journal	2013
31	李明	非均匀三角形网格下椭圆问题的代数两网格法	高校应用数学学报	2013
32	李明	求解二次Lagrangian有限元方程的代数两水平方法	应用数学学报	2013
33	何应辉	New Exact Solutions for a Higher Order Wave Equation of KdV Type Using Multiple- G'/G Expansion Methods	Advances in Mathematical Physics	2014
34	何斌	Notes on "Different kinds of exact solutions with two-loop character of the two-component short pulse equations of the first kind"	Communications in Nonlinear Science and Numerical Simulation	2014
35	何振华	On split common solution problems:new nonlinear feasible algorithms, strong convergence results and their applications	Fixed Point Theory and Applications	2014
36	何振华	New feasible iterative algorithms and strong convergence theorems for bilevel split equilibrium problems	Fixed Point Theory and Applications	2014
37	李成林	Steady states of a predator-prey model with prey-taxis	Nonlinear Analysis	2014
38	李明	二次Lagrangian有限元方程的几何多重网格法	高校应用数学学报	2014
39	张德飞	A note on the Borel-Cantelli lemma for capacity	应用概率统计	2014
40	赵金娥	一类稀疏风险模型的Gerber-Shiu函数和最优红利策略	应用概率统计	2014
41	杨慧章	Lie symmetry analysis and exact explicit solutions of three -dimensional Kudryashov-Sinelshchikov equation	Communications in Nonlinear Science and Numerical Simulation	2015

42	张德飞	Functional solution about stochastic differential equation driven by G-Brownian motion	Discrete and Continuous Dynamical Systems Series B	2015
43	何斌	Explicit kink-like and compacton-like wave solutions for a generalized KdV equation	Nonlinear Dynamics	2015
44	李明	Cascadic Multigrid Methods Combined with Sixth order Compact Scheme for Poisson Equation	Numerical Algorithms	2015
45	李明	新外推完全多重网格法	数学的实践与认识	2015

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