

2020年教师发表论文汇总

序号	教师	作者 (本人填写中文姓名)	论文名称	刊物名称
1	任韩	Long, Shude; 任韩	4-edge-connected 4-regular maps on the projective plane	ARS MATHEMATICA CONTEMPORANEA 18 (2020) 51-71
2	王元明	王元明; Xin Wen	A compact exponential difference method for multi-term time-fractional convection-reaction-diffusion problems with non-smooth solutions	Applied Mathematics and Computation
3	郑海标	Al Mahbub, Md Abdullah; He, Xiaoming; Nasu, Nasrin Jahan; Qiu, Changxin; Wang Yifan; 郑海标	A COUPLED MULTIPHYSICS MODEL AND A DECOUPLED STABILIZED FINITE ELEMENT METHOD FOR THE CLOSED-LOOP GEOTHERMAL SYSTEM	SIAM JOURNAL ON SCIENTIFIC COMPUTING
4	陈勇	陈勇	A deep learning method for solving third-order nonlinear evolution equations	COMMUNICATIONS IN THEORETICAL PHYSICS
5	王元明	王元明	A high-order compact difference method for fractional sub-diffusion equations with variable coefficients and nonhomogeneous Neumann boundary conditions	Computational and Applied Mathematics
6	王元明	王元明	A high-order linearized and compact difference method for the time-fractional Benjamin-Bona-Mahony equation	Applied Mathematics Letters
7	黎芳	黎芳	A Novel Retinex-Based Fractional-Order Variational Model for Images With Severely Low Light	IEEE TRANSACTIONS ON IMAGE PROCESSING
8	何小清	何小清; Sze-Bi Hsu; Feng-Bin Wang	A periodic-parabolic Droop model for two Species Competition in an Unstirred Chemostat	Discrete and Continuous Dynamical Systems. Series A
9	罗栗	Zhaobing Fan; Chun-Ju Lai; Yiqiang Li; 罗栗; Weiqiang Wang	Affine flag varieties and quantum symmetric pairs	Memoirs of the American Mathematical Society
10	张静	张静	Almost Global Solutions to Hamiltonian Derivative Nonlinear Schrödinger Equations on the Circle	Journal of Dynamics and Differential Equations
11	黎芳	黎芳	An iterative decoupled method with weighted nuclear norm minimization for image restoration	INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS
12	王元明	王元明; Lei Ren	Analysis of a high-order compact finite difference method for Robin problems of time-fractional sub-diffusion equations with variable coefficients	Applied Numerical Mathematics
13	傅显隆	Yan Dongxue, 傅显隆, Zou Xingfu	Analysis of an age-structured HIV in-host model with proliferation and two infection modes	EUROPEAN JOURNAL OF APPLIED MATHEMATICS
14	傅显隆	Su Xiaofeng, 傅显隆	Approximate controllability for semilinear second-order stochastic evolution systems with infinite delay	INTERNATIONAL JOURNAL OF CONTROL
15	傅显隆	Su Xiaofeng, 傅显隆	Approximate controllability of second-order semilinear evolution systems with state-dependent infinite delay.	JOURNAL OF APPLIED ANALYSIS AND COMPUTATION

16	傅显隆	Huanghai,傅显隆	Approximate controllability of semi-linear neutral integro-differential equations with nonlocal conditions.	JOURNAL OF DYNAMICAL AND CONTROL SYSTEMS
17	傅显隆	Huanghai,傅显隆	Approximate controllability of semi-linear stochastic integro-differential equations with infinite delay	IMA Journal of Mathematical Control and Information
18	傅显隆	Yan Dongxue, 傅显隆	Asymptotic analysis of an age-structured HIV infection model with logistic target-cell growth and two infecting routes.	INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS
19	何小清	Xueli Bai; 何小清	Asymptotic behavior of the principal eigenvalue for cooperative periodic-parabolic systems and applications	Journal of Differential Equations
20	周风	H.Y.Chen, 周风	Asymptotic behaviors of governing equation of gauged sigma model for Heisenberg ferromagnet.	NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS
21	倪明康	倪明康, Nefedov, N. N., Levashova, N. T.	Asymptotics of the Solution of a Singularly Perturbed Second-Order Delay Differential Equation.	DIFFERENTIAL EQUATIONS
22	刘兴波	Yuzhen Bai, 刘兴波	Bifurcations of Double Homoclinic Loops in Reversible Systems	International Journal of Bifurcation and Chaos
23	吕鑫	吕鑫	Canonically fibered surfaces of general type	JOURNAL OF THE INSTITUTE OF MATHEMATICS OF JUSSIEU
24	黄侠; 王丽萍	黄侠; 王丽萍	Classification to the positive radial solutions with weighted biharmonic equation.	DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS
25	吕长虹	吕长虹, 张萍	Connectivity keeping trees in 2-connected graphs	Discrete Mathematics
26	朱升峰	朱升峰; Xianliang Hu; Qifeng Liao	Convergence analysis of Galerkin finite element approximations to shape gradients in eigenvalue optimization	BIT NUMERICAL MATHEMATICS
27	林华新	胡善文; 林华新	Convex hulls of unitary orbits of normal elements in [Math Processing Error]-algebras with tracial rank zero.	JOURNAL OF FUNCTIONAL ANALYSIS
28	李文侠	孔德荣、李文侠	Critical base for unique codings of fat Sierpinski gaskets	Nonlinearity
29	叶东	Jleli Mohamed; Bessem Samet; 叶东	Critical criteria of Fujita type for a system of inhomogeneous wave inequalities in exterior domains	Journal of Differential Equations
30	刘博	刘博; Xiaonan Ma	Differential K-theory and localization formula for eta-invariants	Inventiones Mathematicae
31	曹永罗	王娟, 王晶, 曹永罗, 赵云	Dimensions of C-1-average Conformal Hyperbolic Sets	Discrete and Continuous Dynamical Systems
32	傅蔚	傅蔚	Direct linearization approach to discrete integrable systems associated with ZN graded Lax pairs	Proceedings of the Royal Society A
33	苗俊杰	Hou, Chuanyan; 苗俊杰	DOUBLING PROPERTIES OF SELF-AFFINE MEASURES SUPPORTED ON GATZOURAS-LALLEY FRACTALS	FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY
34	王丽萍	Zongming Guo; Fangshu Wan; 王丽萍	Embeddings of weighted Sobolev spaces and a weighted fourth-order elliptic equation	COMMUNICATIONS IN CONTEMPORARY MATHEMATICS
35	王勤	王勤	Equivariant higher-index problems for proper actions and nonpositively curved manifolds	Kyoto Journal of Mathematics

36	叶东	Quoc Anh Ngo; Van Hoang Nguyen; Quoc Hung Phan; 叶东	Exhaustive existence and non-existence results for some prototype polyharmonic equations in the whole space	Journal of Differential Equations
37	傅显隆	Zhu Jianbo, Wang xingxing,傅显隆	Existence and blowup of solutions for neutral partial Integro-differential equations with state-dependent delay	Journal of Nonlinear Modeling and Analysis
38	黄侠; 叶东	Zongming Guo; 黄侠; 叶东	Existence and nonexistence results for a weighted elliptic equation in exterior domains	Zeitschrift für angewandte Mathematik und Physik
39	傅显隆	Zhu Jianbo, 傅显隆	Existence and regularity of solutions for neutral partial integro-differential equations with nonlocal conditions	JOURNAL OF FIXED POINT THEORY AND APPLICATIONS
40	倪明康	倪明康, Xiao Wu	Existence and stability of periodic contrast structure in reaction-advection-diffusion equation with discontinuous reactive and convective terms	COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION
41	傅显隆	Zhu Jianbo, 傅显隆	Existence results for neutral integro-differential equations with nonlocal conditions	JOURNAL OF INTEGRAL EQUATIONS AND APPLICATIONS
42	黄侠; 周风	Huyuan Chen; 黄侠; 周风	Fast and slow decaying solutions of Lane-Emden equations involving nonhomogeneous potential.	ADVANCED NONLINEAR STUDIES
43	邹燕清; 邱瑞锋	邹燕清; 邱瑞锋	Finiteness of mapping class groups: locally large strongly irreducible Heegaard splittings	GROUPS, GEOMETRY, AND DYNAMICS
44	何小清	Qian Guo; 何小清; Wei-Ming Ni	Global dynamics of a general Lotka-Volterra competition-diffusion system in heterogeneous environments	Discrete and Continuous Dynamical Systems. Series A
45	李文侠	M. Gareeb、李文侠	HAUSDORFF DIMENSION OF UNIVOQUE SETS OF SELF-SIMILAR SETS WITH COMPLETE OVERLAPS	FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY
46	袁海荣	屈爱芳; 袁海荣; 赵勤	High Mach number limit of one-dimensional piston problem for non-isentropic compressible Euler equations: Polytropic gas	JOURNAL OF MATHEMATICAL PHYSICS
47	袁海荣	屈爱芳; 袁海荣; 赵勤	Hypersonic limit of two-dimensional steady compressible Euler flows passing a straight wedge	ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK
48	倪明康	倪明康, Qi, X. T., N. T. Levashova	Internal Layer for a Singularly Perturbed Equation with Discontinuous Right-Hand Side	DIFFERENTIAL EQUATIONS
49	倪明康	倪明康, F. Tao	Internal layers for a quasi-linear singularly perturbed delay differential equation	JOURNAL OF APPLIED ANALYSIS AND COMPUTATION
50	李文侠	蔡懿、李文侠	Intersection of Sierpinski gasket with its translation	INDAGATIONES MATHEMATICAE-NEW SERIES INDAGATIONES MATHEMATICAE-NEW SERIES
51	朱升峰	Xindi Hu; 朱升峰	Isogeometric analysis for time-fractional partial differential equations	NUMERICAL ALGORITHMS
52	吴畏	Botao Long; 吴畏	Lipschitz isometries of compact quantum metric spaces	Journal of Mathematical Analysis and Applications
53	陈勇	陈勇	Lumps, breathers, rogue waves and interaction solutions to a (3+1)- dimensional Kudryashov-Sinelshchikov equation	Modern Physics Letters B

54	袁海荣	屈爱芳; 袁海荣	Measure solutions of one-dimensional piston problem for compressible Euler equations of Chaplygin gas	JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS
55	曹永罗	Fang,Jialu, 曹永罗, 赵云	Measure Theoretic Pressure and Dimension Formula for Non-ergodic Measures	Discrete and Continuous Dynamical Systems
56	鲁小莉	鲁小莉, Gabriele Kaiser, Frederick Koon Shing Leung	Mentoring Early Career Mathematics Teachers from the Mentees' Perspective - a Case Study from China	International Journal of Science and Mathematics Education
57	郑海标	Al Mahbub, Md Abdullah; Shi, Feng; Nasu, Nasrin Jahan; Wang Yongshuai; 郑海标	Mixed stabilized finite element method for the stationary Stokes-dual-permeability fluid flow model	COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING
58	杜荣	Yin Chen, 杜荣, Yun Gao	Modular quotient varieties and singularities by the cyclic group of order $2p$	COMMUNICATIONS IN ALGEBRA
59	陈勇	陈勇	Modulation instability, rogue waves and spectral analysis for the sixth-order nonlinear Schrodinger equation	Commun. Nonlinear Sci. Numer. Simulat.
60	柳银萍	ui Wenying, Li Wei, 柳银萍	Multiwave interaction solutions for a (3+1)-dimensional nonlinear evolution equation	Nonlinear Dynamics
61	柳银萍	Cui Wenying, Li Wei, 柳银萍	Multiwave interaction solutions for the (3+1)-dimensional extended Jimbo-Miwa equation	Modern Physics Letters B
62	唐晓艳	唐晓艳	New variable separation solutions and wave interactions for the (3+1)-dimensional Boiti-Leon-Manna-Pempinelli equation	APPLIED MATHEMATICS LETTERS
63	郑海标	Yu Jiaping; Shi feng; Sun Yizhong; 郑海标	Nitsche's type stabilized finite element method for the fully mixed Stokes-Darcy problem with Beavers-Joseph conditions	Applied Mathematics Letters
64	周风	Chen, Huyuan; Peng, Rui; 周风	Nonexistence of positive supersolutions to a class of semilinear elliptic equations and systems in an exterior domain.	Sci. China Math.
65	陈勇	陈勇	Nonlocal Symmetries, Backlund Transformation and Interaction Solutions for the Integrable Boussinesq Equation	Modern Physics Letters B
66	任韩	Cao, Fayun; 任韩	Nonseparating Independent Sets of Cartesian Product Graphs	TAIWANESE JOURNAL OF MATHEMATICS任韩
67	罗栗	Jie Liu; 罗栗; Weiqiang Wang	Odd singular vector formula for general linear superalgebras	Bulletin of the Institute of Mathematics Academia Sinica (N. S.)
68	朱升峰	朱升峰; Xianliang Hu; Qingbiao Wu	On accuracy of approximate boundary and distributed H1 shape gradient flows for eigenvalue optimization	Journal of Computational and Applied Mathematics
69	舒斌	Duan, Fei Fei; 舒斌; Yao, Yu Feng	On Blocks in Restricted Representations of Lie Superalgebras of Cartan Type	ACTA MATHEMATICA SINICA-ENGLISH SERIES
70	林华新	龚贵华; 林华新	On classification of non-unital amenable simple C^* -algebras, II	JOURNAL OF GEOMETRY AND PHYSICS
71	黄侠;王丽萍	Zongming Guo; 黄侠;王丽萍; Juncheng Wei	On Delaunay solutions of a biharmonic elliptic equation with critical exponent.	JOURNAL D ANALYSE MATHEMATIQUE
72	叶东; 周风	Huyuan Chen; 叶东; 周风	On Gaussian curvature equation in R^2 with prescribed nonpositive curvature	Discrete and Continuous Dynamical System A

73	郭学萍	M.-Y. Deng; 郭学萍	On HSS-Based Iteration Methods for Two Classes of Tensor Equations	East Asian Journal on Applied Mathematics
74	袁海荣	高俊磊; 刘莉; 袁海荣	On stability of transonic shocks for stationary Rayleigh flows in two-dimensional ducts	SIAM J. Math. Anal.
75	王晁	王晁; 王中子	On the areas of midpoint polygons	MATHEMATICAL INEQUALITIES & APPLICATIONS
76	刘治国	刘治国	On the Complex Hermite Polynomials	Filomat
77	何小清	Qian Guo; 何小清; Wei-Ming Ni	On the effects of carrying capacity and intrinsic growth rate on single and multiple species in spatially heterogeneous environments	Journal of Mathematical Biology
78	陈勇	陈勇	On the Modelling of Shallow-Water Waves with the Coriolis Effect	Journal of Nonlinear Science
79	陆俊, 谈胜利	JIE Hong, 陆俊, 谈胜利	On the slope of non-algebraic holomorphic foliations	Proceeding of AMS
80	邹燕清	Wang junhua; 邹燕清	On tunnel numbers of a cable knot and its companion.	Topology and Its applications
81	郭学萍	郭学萍; A. Hadjidimos	Optimal Accelerated SOR-like (ASOR) method for singular saddle point problems	Journal of Computational and Applied Mathematics
82	詹兴致	Pu Qiao; 詹兴致	Pairs of a tree and a nontree graph with the same status sequence	Discrete Mathematics
83	羊丹平; 郑海标	Nasu, Nasrin Jahan; Al Mahbub, Md. Abdullah; Hussain, Shahid; 羊丹平; 郑海标	Partitioned time stepping schemes for the non-stationary dual-fracture-matrix fluid flow model	Applied Mathematical Modelling
84	王勤	王勤	Persistence approximation property for maximal Roe algebras	Chinese Annals of Mathematics Ser B
85	周国栋	Qi, Zihao; 周国栋	Poisson cohomology of plane Poisson structures with isolated singularities revisited.	J. Math. Phys.
86	吕长虹	吕长虹, 毛睿, 王兵	Power domination in regular claw-free graphs	Discrete Applied Mathematics
87	罗栗	Zhaobing Fan; Chun-Ju Lai; Yiqiang Li; 罗栗; Weiqiang Wang; Watanabe Hideya	Quantum Schur duality of affine type C with three parameters	Mathematical Research Letters
88	袁海荣	屈爱芳; 袁海荣	Radon measure solutions for steady compressible Euler equations of hypersonic-limit conical flows and Newton's sine-squared law	JOURNAL OF DIFFERENTIAL EQUATIONS
89	林华新	Elliott, George A.; 龚贵华; 林华新; 牛壮	Simple stably projectionless C*-algebras with generalized tracial rank one	JOURNAL OF NONCOMMUTATIVE GEOMETRY
90	张艳艳; 周风	Guo, Yujin; 张艳艳; 周风	Singular behavior of an electrostatic-elastic membrane system with an external pressure	Nonlinear Analysis. Theory, Methods & Applications
91	周风	Chen, Huyuan; Quaas, Alexander; 周风	Solutions of nonhomogeneous equations involving Hardy potentials with singularities on the boundary.	Pure Appl. Funct. Anal.

92	陈勇	陈勇	Solving second-order nonlinear evolution partial differential equations using deep learning	COMMUNICATIONS IN THEORETICAL PHYSICS
93	李文侠	陈宇飞、李文侠	Spectral analysis for weighted iterate q-triangulations of graphs	Internat. J. Modern Phys. C.
94	袁海荣	袁海荣; 赵勤	Stabilization Effect of Frictions for Transonic Shocks in Steady Compressible Euler Flows Passing Three-Dimensional Ducts	Acta Math. Sci. Ser. B (Engl. Ed.)
95	舒斌	舒斌, Husileng Xiao	Super formal Darboux-Weinstein theorem and finite W-superalgebras	JOURNAL OF ALGEBRA
96	舒斌	Duan, Feifei,舒斌, Yao Yufeng	The category O for Lie algebras of vector fields (I): tilting modules and character formulas.	PUBLICATIONS OF THE RESEARCH INSTITUTE FOR MATHEMATICAL SCIENCES
97	林华新	Elliott, George A.; 龚贵华;林华新;牛壮	The classification of simple separable KK-contractible C*-algebras with finite nuclear dimension	JOURNAL OF GEOMETRY AND PHYSICS
98	郑海标	Li, Jian; Yao, Min; Al Mahbub, Md. Abdullah; 郑海标	The efficient rotational pressure-correction schemes for the coupling Stokes/Darcy problem	Computers & Mathematics with Applications
99	吕长虹	成常杰、吕长虹、周瑜	The k-power domination problem in weighted trees	Theoretical Computer Science
100	詹兴致	Pu Qiao; 詹兴致	The minimum number of Hamiltonian cycles in a Hamiltonian threshold graph of prescribed order	Journal of Graph Theory
101	李文侠	C. Kalle、孔德荣、李文侠、Niels Langeveld	The β -transformation with a hole at 0	Ergodic Theory and Dynamical Systems
102	柳银萍	Li Wei, 柳银萍	To construct lumps, breathers and interaction solutions of arbitrary higher-order for a $(4 + 1)$ -dimensional Fokas equation	Modern Physics Letters B
103	李文侠	孔德荣、李文侠、吕凡、王志强、徐佳轶	UNIVOQUE BASES OF REAL NUMBERS: LOCAL DIMENSION, DEVIL'S STAIRCASE AND ISOLATED POINTS	ADVANCES IN APPLIED MATHEMATICS
104	曹永罗	曹永罗, 廖刚, 尤志远	Upper bounds on measure-theoretic tail entropy for dominated splittings	Ergod.Th. & Dynam.Sys.
105	李文侠	Zhang, Tingyu; Jiang, Kan; 李文侠	Visibility of Cartesian products of Cantor sets	FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY
106	牛伟强、熊斌	张丽玉、牛伟强、熊斌	奥林匹克数学的“误区”“价值”“局限”与“思考”	数学教育学报
107	唐晓艳	唐晓艳	非线性系统的多线性分离变量法	宁波大学学报（理工版）
108	何忆捷、熊斌	张勇、何忆捷、熊斌	国际比较视角下奥数优胜者调查结果分析	比较教育学报
109	牛伟强、熊斌	蒋培杰、牛伟强、熊斌	国内信息技术与数学教学融合研究述评	数学教育学报
110	何忆捷、熊斌	尚亚明、何忆捷、熊斌	国外数学问题提出能力影响因素的研究述评—基于学生自身的知识经验和观念系统等“变量”因素	数学教育学报
111	鲁小莉, 鲍建生	鲁小莉, 李娜, 鲍建生	解读教师专业素养——基于专家教师和教研员的视角	基础教育
112	林天齐、何忆捷、熊斌	林天齐、何忆捷、熊斌	两道赛题的创作思路、答题情况及启示	中等数学

113	牛伟强、何忆捷、熊斌	张丽玉、牛伟强、何忆捷、熊斌	美国国际数学奥林匹克国家队的成就、经验与启示	比较教育学报
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118	程靖	李海；彭刚；程靖	追溯上海“进入21世纪的中小学数学教育行动纲领”的教育价值——基于对顾泠沅先生的访谈	数学通报