2021年教师发表论文汇总

序号	教师	作者	论文名称	刊物名称
1	朱升峰	Fazlollah Soleymani; 朱升峰	On a high-order Gaussian radial basis function generated Hermite finite difference method and its application	Calcolo
2	朱升峰	Fazlollah Soleymani; 朱升峰	RBF-FD solution for a financial partial-integro differential equation utilizing the generalized multiquadric function	Computers and Mathematics with Applications
3	朱升峰	Gong, Wei; 朱升峰	On discrete shape gradients of boundary type for PDE-constrained shape optimization.	SIAM Journal on Numerical Analysis
4	朱升峰	Li, Richen; Wu, Qingbiao; 朱升峰	Isogeometric analysis with proper orthogonal decomposition for elastodynamics	Communications in Computational Physics
5	朱升峰	Jing Zhang,朱升峰,Chunxiao Liu,Xiaoqin Shen	A two-grid binary level set method for eigenvalue optimization	Journal of Scientific Computing
6	朱萌	陆志勤，张旗，朱萌	Gradient and Eigenvalue Estimates on the canonical bundle of Kähler manifolds	the Journal of Geometric Analysis
7	周国栋	Liu, Yuming; Wang, Zhengfang; 周国栋	The Batalin–Vilkovisky structure on the Tate-Hochschild cohomology ring of a group algebra.	INTERNATIONAL MATHEMATICS RESEARCH NOTICES
8	周国栋	Qi, Zihao; Qin, Yufei; Wang, Kai; 周国栋	Free objects and Gröbner-Shirshov bases in operated contexts.	JOURNAL OF ALGEBRA
9	郑海标	Sun, Yizhong; Shi, Feng; 郑海标; Li, Heng; Wang, Fan	Two-grid domain decomposition methods for the coupled Stokes-Darcy system	Computer Methods in Applied Mechanics and Engineering
10	郑海标	Sun, Yizhong; Sun, Weiwei; 郑海标	Domain decomposition method for the fully-mixed Stokes-Darcy coupled problem	Computer Methods in Applied Mechanics and Engineering
11	郑海标	Du, Binbin; Huang, Jianguo;郑海标	Two-Grid Arrow-Hurwicz Methods for the Steady Incompressible Navier-Stokes Equations	Journal of Scientific Computing
12	郑海标	Wang, Yongshuai;郑海标	A partitioned scheme with multiple-time-step technique for the nonstationary dual-porosity-Stokes problem	Computers and Mathematics with Applications
13	郑海标	Nasu, Nasrin Jahan; Al Mahbub, Md Abdullah; Hussain, Shahid;郑海标	Two-grid finite element method for the dual-permeability-Stokes fluid flow model	Numerical Algorithms
14	赵纯奕	赵纯奕, Zhibing Zhang	Solvability of an inhomogeneous boundary value problem for steady MHD equations	Mathematical Methods in the Applied Sciences
15	张向韵	梁浩、张向韵	计算张量特征对的瑞利商迭代法	高等学校计算数学学报Numerical Mathematics A Journal of Chinese Universities
16	张通	Yong Hu, 张通	Fibered varieties over curves with low slope and sharp bounds in dimension three	Journal of Algebraic Geometry
17	詹兴致	乔璞, 詹兴致	The diameter and radius of radially maximal graphs	BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY

18	詹兴致	胡亚楠, 詹兴致	Possible cardinalities of the center of a graph	BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY
19	袁龙图	袁龙图	Extremal graphs for odd wheels	JOURNAL OF GRAPH THEORY
20	袁龙图	袁龙图;Xiao-dong Zhang	Turan numbers for disjoint paths	JOURNAL OF GRAPH THEORY
21	袁海荣	袁海荣, 赵勤	含摩擦效应的三维直管中定常可压缩亚音速Euler 流	中国科学：数学
22	袁海荣	Wei, Fenglun; Liu, Jianli; 袁海荣	Global stability to steady supersonic solutions of the 1-D compressible Euler equations with frictions	JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS
23	袁海荣	Qu, Aifang; Wang, Li; 袁海荣	Radon measure solutions for steady hypersonic-limit Euler flows passing two-dimensional finite non-symmetric obstacles and interactions of free concentration layers.	COMMUNICATIONS IN MATHEMATICAL SCIENCES
24	袁海荣	Jin, Yunjuan; Qu, Aifang;袁海荣	Radon measure solutions for steady compressible hypersonic-limit Euler flows passing cylindrically symmetric conical bodies	Communications on Pure and Applied Analysis
25	熊然	熊然	A note on vector-valued Eisenstein series of weight 3/2	Bull. Korean Math. Soc.
26	熊然	熊然, 周海港	Constructing modular forms from harmonic Maass Jacobi forms	CZECHOSLOVAK MATHEMATICAL JOURNAL
27	熊斌	熊斌、蒋培杰	国际数学奥林匹克的中国经验	华东师范大学学报（自然科学版）
28	熊斌	张勇、熊斌	口语报告法及其在数学教育研究中的应用述评	数学教育学报
29	熊斌	尚亚明、熊斌	数学问题提出的过程性研究述评	数学教育学报
30	吴颖康	吴颖康，周乐，刘祈	职初教师视角下数学师范生培养课程的实用性调查和需求分析	数学教育学报
31	吴尉迟	吴尉迟	On complex Lp affine isoperimetric inequalities	MATHEMATICAL INEQUALITIES & APPLICATIONS
32	吴畏	Long, Botao; 吴畏	Twisted bounded-dilation group C*-algebras as C*-metric algebras	SCIENCE CHINA Mathematics
33	吴畏	Long, Botao; 吴畏	Lipschitz isomorphisms of compact quantum metric spaces	STUDIA MATHEMATICA
34	吴瑞聪	吴瑞聪,朱乐欢	Rigidity of Proper Holomorphic Maps Among Generalized Balls with Levi-Degenerate Boundaries	Journal of Geometric Analysis
35	王元明	王元明	A high-order compact difference method on fitted meshes for Neumann problems of time-fractional reaction–diffusion equations with variable coefficients	Mathematics and Computers in Simulation
36	王元明	王元明	A high-order compact finite difference method on nonuniform time meshes for variable coefficient reaction-subdiffusion problems with a weak initial singularity	BIT Numerical Mathematics
37	王勤	王勤	The coarse geometric `p-Novikov conjecture for subspaces of nonpositively curved manifolds	JOURNAL OF NONCOMMUTATIVE GEOMETRY
38	王勤	王勤；Zhen Wang	Notes on the lp-Toeplitz algebra on lp(N)	Israel Journal of Mathematics
39	王丽萍；赵纯奕	王丽萍；赵纯奕	Concentration solutions to the singularly prescribed Gaussian and geodesic curvatures problem	Journal of Differential Equations
40	王凯	王凯	Free objects and Gröber-Shirshov bases in operated contexts	Journal of Algebra

41	唐晓艳	唐晓艳、Chao-jie Cui, Zu-feng Liang, Wei Ding	Novel soliton molecules and wave interactions for a (3 + 1)-dimensional nonlinear evolution equation	Nonlinear Dynamics
42	唐晓艳	Zu-feng Liang, 唐晓艳 and Wei Ding	Infinitely many nonlocal symmetries and nonlocal conservation laws of the integrable modified KdV-sine-Gordon equation	COMMUNICATIONS IN THEORETICAL PHYSICS
43	任韩	龙述德；任韩	Distributions of Near-4-Regular Maps on the Sphere and the Projective Plane，Graphs and Combinatorics (2021) 37:1953–1963	Graphs and Combinatorics
44	吕长虹	吕长虹；袁龙图；Ping Zhang	The maximum number of copies of Kr,s in graphs without long cycles or paths	the electronic journal of combinatorics
45	吕长虹	Hong, Yanmei; Liu, Qinghai;吕长虹; Ye, Qingjie	Connectivity keeping caterpillars and spiders in 2-connected graphs	DISCRETE MATHEMATICS
46	吕鑫	吕鑫	On CM points away from the Torelli locus	JOURNAL OF THE LONDON MATHEMATICAL SOCIETY-SECOND SERIES
47	吕鑫	吕鑫	Finiteness of superelliptic curves with CM Jacobians	ANNALES SCIENTIFIQUES DE L ECOLE NORMALE SUPERIEURE
48	罗栗	Chun-Ju Lai；罗栗	Schur Algebras and Quantum Symmetric Pairs With Unequal Parameters	International Mathematics Research Notices
49	罗栗	Chih-whi Chen；Shun-Jen Cheng；罗栗	Blocks and characters of G(3)-modules ofnon-integral weights	Journal of Algebra
50	柳银萍	Yuxin Qin；柳银萍	Multiwave interaction solutions for a (3 + 1)-dimensional generalized BKP equation	International Journal of Computer Mathematics
51	柳银萍	Yuxin Qin；柳银萍	Multiwave Interaction Solutions for a (3+1)-dimensional generalized Kadomtsev-Petviashvili equation	Chinese Journal of Physics
52	刘治国	刘治国	A universal identity for theta functions of degree eight and applications	Hardy--Ramanujan Journal
53	刘治国	刘治国	On the Askey-Wilson polynomials and a q-beta integral	PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY
54	刘治国	Khan, Bilal; 刘治国; Srivastava, H. M.; Araci, Serkan; Khan, Nazar; Ahmad, Qazi Zahoor	Higher-order q-derivatives and their applications to subclasses of multivalent Janowski type q-starlike functions	ADVANCES IN DIFFERENCE EQUATIONS
55	刘治国	Bilal Khan；刘治国；Hari M. Srivastava；Nazar Khan；Muhammad Tahir	Applications of higher-order derivatives to subclasses of multivalent q-starlike functions	Maejo International Journal of Science and Technology

56	刘兴波	Li，zhengkang;刘兴波	Limit Cycles in the Discontinuous Planar Piecewise Linear Systems with Three Zones	Qualitative Theory of Dynamical Systems
57	刘钢	刘钢	Compactification of certain Kähler manifolds with nonnegative Ricci curvature	ADVANCES IN MATHEMATICS
58	刘钢	刘钢	Dimension Estimate of Polynomial Growth Holomorphic Functions	Peking Math Journal
59	刘钢	刘钢, Gabor Szekelyhidi	Gromov-Hausdorff Limits of Kähler Manifolds with Ricci Curvature Bounded Below II	COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS
60	刘博	刘博	Equivariant eta forms and equivariant differential K-theory	SCIENCE CHINA Mathematics
61	林华新	符玄龙、林华新	Tracial approximation in simple C*-algebras	Canad. J. Math.
62	李文侠	Zhiqiang Wang, Kan Jiang, 李文侠, B.Zhao	On the sum of squares of middle-third Cantor set	Journal of Number Theory
63	李文侠	D.R. Kong, 李文侠, Y.Y. Yao	Pointwise densities of homogeneous Cantor measure and critical values	Nonlinearity
64	李文侠	Karma Dajani， K. Jiang, D.R. Kong,李文侠，L.F. Xi	Multiple codings for self-similar sets with overlaps	ADVANCES IN APPLIED MATHEMATICS
65	李韬	Wushun Chen，李韬	Distributed Economic Dispatch for Energy Internet Based on Multiagent Consensus Control	IEEE Transactions on Automatic Control
66	李韬	Jiexiang Wang，李韬	Distributed Multi-Area State Estimation for Power Systems With Switching Communication Graphs	IEEE Transactions on Smart Grid
67	李韬	Jiexiang Wang，李韬，Xiwei Zhang	Decentralized Cooperative Online Estimation With Random Observation Matrices, Communication Graphs and Time Delays	IEEE Transactions on Information Theory
68	李韬	Anquan Liu,李韬，Yu Gu,Haohui Dai	Cooperativeextendedstateobserverbasedcontrolofvehicleplatoons witharbitrarilysmalltimeheadway	Automatica
69	李韬	Xiaofeng Zong，李韬，George Yin，Ji-Feng Zhang	Delay Tolerance for Stable Stochastic Systems and Extensions	IEEE Transactions on Automatic Control
70	李韬	Jiexiang Wang,Keli Fu，Yu Gu，李韬	Convergence of Distributed Gradient-Tracking-Based Optimization Algorithms with Random Graphs	Journal of Systems Science and Complexity
71	黎芳	Xiao-Guang Lv, Jun Liu,黎芳 and Xuan-Liang Yao	Blind motion deconvolution for binary images	Journal of Computational and Applied Mathematics
72	黎芳	Li, Jiaqian and Li, Juncheng and Fang, Faming and 黎芳 and Zhang, Guixu	Luminance-Aware Pyramid Network for Low-Light Image Enhancement	IEEE Transactions on Multimedia
73	黎芳	Yu, Jing, 黎芳, and Xiaoguang Lv	Contrast preserving decolorization based on the weighted normalized L1 norm	Multimedia Tools and Applications

74	黎芳	黎芳, Zhu Y.	Smoothing and Clustering Guided Image Decolorization	Image Analysis & Stereology
75	黎芳	Hou R, 黎芳	Error feedback denoising network	IET Image Processing
76	胡乃红	Hu,Hongmei; 胡乃红	Double-Bosonization and Majid's Conjecture (II): irregular R-matrices and type-crossing to G2	ISRAEL JOURNAL OF MATHEMATICS
77	胡乃红	胡乃红; Pei, Yu Feng; Zhang, Jiao	Equitable Presentations for Multiparameter Quantum Groups	Acta Mathematica Sinica, English Series
78	胡乃红	Feng, Ge; 胡乃红; Li, Yunnan	Drinfeld doubles of the n-rank Taft algebras and a generalization of the Jones polynomial	PACIFIC JOURNAL OF MATHEMATICS
79	胡乃红	Gao, Yun; 胡乃红; Xia, Li-meng	Quantized GIM algebras and their images in quantized Kac-Moody algebras	ALGEBRAS AND REPRESENTATION THEORY
80	胡乃红	Hu, Hongmei; 胡乃红; Xia, Limeng	Majid conjecture: quantum Kac-Moody algebras version	FRONTIERS OF MATHEMATICS IN CHINA
81	胡乃红	Feng, Ge; 胡乃红; Zhuang, Rushu	Another admissible quantum affine algebra of type A(1)1 with quantum Weyl group	JOURNAL OF GEOMETRY AND PHYSICS
82	胡乃红	Zheng, Yiwei; Gao, Yun; 胡乃红	Finite-dimensional Hopf algebras over the Hopf algebra Hb:1 of Kashina	Journal of Algebra
83	胡乃红	Zheng, Yiwei; Gao, Yun; 胡乃红	Finite-dimensional Hopf algebras over the Hopf algebra Hd:−1,1 of Kashina	Journal of Pure and Applied Algebra
84	贺卓丰	Sayan Chakraborty; Christian Bönicke; 贺卓丰; Hung-Chang Liao	A note on crossed products of rotation algebras	Journal of Operator Theory
85	郭学萍	Meng-Jiao Jiang; 郭学萍	A new parameter-free method for Toeplitz systems of weakly nonlinear equations	Journal of computational and applied mathematics
86	傅显隆	Xiaofeng SU1,傅显隆	Approximate Controllability of Second-order Semilinear Evolution Systems with Finite Delay	Acta Mathematicae Applicatae Sinica, English Series
87	傅显隆	Xiaofeng SU1,傅显隆	Approximate Controllability of Second-Order Stochastic Differential Systems Driven by a Lévy Process	Applied Mathematics & Optimization
88	傅显隆	Hai Huang, 傅显隆	Asymptotic properties of solutions for impulsive neutral stochastic functional integro-differential equations	Journal of Mathematical Physics
89	傅显隆	N. Durga, P.Muthukumar,傅显隆	Stochastic time-optimal control for time-fractional Ginzburg–Landau equation with mixed fractional Brownian motion	Stochastic Analysis and Applications
90	傅蔚	傅蔚; Frank W. Nijhoff	On non-autonomous differential-difference AKP, BKP and CKP equations	Proceedings of The Royal Society A Mathematical Physical and Engineering Sciences
91	傅蔚	Yue Yin; 傅蔚	Linear integral equations and two-dimensional Toda systems	Studies in Applied Mathematics
92	冯方	冯方，Weimin Han,Jianguo,Huang	The virtual element method for an obstacle problem of a Kirchhoff-Love plate	Communications in Nonlinear Science and Numerical Simulation
93	杜若霞	杜若霞，Jingni Yu	Standard Young tableaux in a (2,1)-hook and Motzkin paths.	DISCRETE MATHEMATICS

94	杜荣	杜荣，Xinyi Fang, Yun Gao	Vector bundles on rational homogeneous spaces	Annali di Matematica Pura ed Applicata
95	杜荣	杜荣，Xinyi Fang	Normal bundles on the exceptional sets of simple small resolutions	ASIAN JOURNAL OF MATHEMATICS
96	陈勇	Miao, Zhengwu, Hu, Xiaorui；陈勇	Interaction phenomenon to (1+1)-dimensional Sharma-Tasso-Olver-Burgers equation	Applied Mathematics Letters
97	陈勇	Pu Juncai; Jun Li; 陈勇	Soliton, breather, and rogue wave solutions for solving the nonlinear Schrodinger equation using a deep learning method with physical constraints	Chinese Physics B
98	陈勇	Li Jun；陈勇	A physics-constrained deep residual network for solving the sine-Gordon equation	Communications in Theoretical Physics
99	陈勇	Weiqi Peng; Pu Juncai; 陈勇	PINN deep learning method for the Chen–Lee–Liu equation: Rogue wave on the periodic background	Communications in Nonlinear Science and Numerical Simulation
100	陈勇	Zhou Huijuan；陈勇	Breathers and rogue waves on the double-periodic background for the reverse-space-time derivative nonlinear Schrödinger equation	Nonlinear Dynamics
101	陈勇	Zhu Jinyan；陈勇	A new form of general soliton solutions and multiple zeros solutions for a higher-order Kaup-Newell equation	Journal of Mathematical Physics
102	陈勇	Yue, Yun-Fei, Lin, Ji；陈勇	High-order rational solutions and resonance solutions for a (3+1)-dimensional Kudryashov-Sinelshchikov equation*	Chinese Physics B
103	陈勇	Wang Minmin；陈勇	Dynamic behaviors of general N-solitons for the nonlocal generalized nonlinear Schrödinger equation	Nonlinear Dynamics
104	陈勇	Pu Juncai; Jun Li; 陈勇	Solving localized wave solutions of the derivative nonlinear Schrödinger equation using an improved PINN method	Nonlinear Dynamics
105	陈勇	Pu Juncai; Weiqi Peng; 陈勇	The data-driven localized wave solutions of the derivative nonlinear Schrödinger equation by using improved PINN approach	Wave Motion
106	陈苗芬	陈苗芬，Laurent Fargues, Xu Shen	On the structure of some p-adic period domains	Cambridge Journal of Mathematics
107	林华新	龚贵华、林华新、牛壮	A classification of finite simple amenable Z-stable C -algebras, I: C -algebras with generalized tracial rank one	C. R. Math. Rep. Acad. Sci. Canada
108	林华新	龚贵华、林华新、牛壮	A classification of finite simple amenable Z-stable C*-algebras, II: C*-algebras with rational generalized tracial rank one	C. R. Math. Rep. Acad. Sci. Canada
109	范良火	Wang, Y.,范良火	Investigating students' perceptions concerning textbook use in mathematics: A comparative study of secondary schools between Shanghai and England	Journal of Curriculum Studies
110	范良火	范良火, Cheng, J., Xie, S., Luo, J., Wang, Y., & Sun, Y	Are textbooks facilitators or barriers for teachers' teaching and instructional change? An investigation of secondary mathematics teachers in Shanghai, China	ZDM — Mathematics Education
111	范良火	范良火	Exploring issues about values in mathematics education	ECNU Review of Education

112	范良火	Rezat, S., Fan, L. & Pepin, B	Mathematics textbooks and curriculum resources as instruments for change	ZDM — Mathematics Education
113	范良火	范良火, Luo, J., Xie, S., & Zhu, Y.	Examining the development of mathematics education research in Chinese mainland from the 1990s to the 2010s: A focused survey	Hiroshima Journal of Mathematics Education, 14