

2021-2025年高水平论文

序号	论文题目	第一作者	通讯作者	发表刊物	发表时间
1	A flexible image cipher based on orthogonal arrays	Ming Xu	田子红	INFORMATION SCIENCES	2021-04-01
2	Transformations of multilevel coherent states under	张立梅	高亭,闫凤利	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2021-04-28
3	Cartan Invariants for Witt Lie Superalgebras with p-Characters of Height at Most One	端菲菲	谢迅	ALGEBRAS AND REPRESENTATION THEORY	2021-02-01
4	Three-class association schemes from partial geometric designs	曲静	雷建国	DISCRETE MATHEMATICS	2021-04-01
5	An approximation algorithm For the k-generalized Steiner forest problem	高佳雯	侯波	Optimization Letters	2021-06-01
6	An approximation algorithm for the submodular multicut problem in trees with linear penalties	侯晨菲	侯波	Optimization Letters	2021-06-01
7	On quasi-strongly regular graphs with parameters $(n, k, a; k \&\#8722; 1, c_2)$	谢嘉毅	张更生	Discrete Mathematics	2021-03-01
8	D-magic labelings of the folded n-cube	田毅	高锁刚	Discrete Mathematics	2021-09-01
9	A greedy algorithm for the fault-tolerant outer-connected dominating set problem	王晓芝	高锁刚	Journal of Combinatorial Optimization	2021-01-12
10	Strong homotopy in finite topological adjacency category	张志国	王彦英	Topology and its Applications	2021-08-15
11	On the Melnikov functions and limit cycles near a double homoclinic loop with a nilpotent saddle of order m	杨俊敏	韩茂安	Journal of Differential Equations	2021-05-01
12	Strong sums of projections in type II factors	曹新彦	姚兆林	Journal of Functional Analysis	2021-05-03
13	Optimal point-wise error estimate of two conservative fourth-order compact finite difference schemes for the nonlinear Dirac equation	李计勇	李计勇	Applied Numerical Mathematics	2021-04-01
14	Convergence analysis of a symmetric exponential integrator Fourier pseudo-spectral scheme for the Klein-Gordon-Dirac equation	李计勇	李计勇	Mathematics and Computers in Simulation	2021-06-17
15	A novel probabilistic hesitant fuzzy rough set based multi-criteria decision-making method.	靳晨霞 (学)	靳晨霞 (学)/米据生	Information Sciences	2022-08-01
16	On stability and feedback control of discrete fractional order singular systems with multiple time-varying delays	刘向	王培光	Chaos Solitons & Fractals	2022-01-01
17	Detection of COVID-19 with CT Images using Hybrid Complex Shearlet Scattering Networks	任庆云 (学)	郭蔚/周丙寅	IEEE Journal of Biomedical and Health Informatics	2022-01-01
18	Generalized Stepping Stone Model with Xi-resampling Mechanism	刘会利	刘会利	Acta Mathematica Sinica, English Series	2022-06-18
19	Almansi-type decomposition theorem for bi- k -regular functions in the Clifford algebra $Cl_{2n+2,0}(\mathbb{R})$	刘利霞/刘月/谢永红	谢永红	Chinese Annals of Mathematics (数学年刊英文版)	2022-04-23
20	Similarity Invariants of Essentially normal Cowen-Douglas Operators and Chern Polynomials	蒋春澜/纪奎/吴劲松 (共同第一)	蒋春澜	Israel Journal of Mathematics	2022-05-26

21	Approximation algorithm for the parallel-machine scheduling problem with release dates and submodular rejection penalties	郑红叶(学)	侯波	Journal of Combinatorial Optimization	2022-08-01
22	Energy-preserving exponential integrator Fourier pseudo-spectral schemes for the nonlinear Dirac equation	李计勇	李计勇	Applied Numerical Mathematics	2022-02-01
23	An abstract factorization theorem and some applications	Tringali, Salvatore	Tringali, Salvatore	Journal of Algebra	2022-07-15
24	On a correspondence between maximal cliques in Paley graphs of square order	Goryainov, Sergey	Goryainov, Sergey	Discrete Mathematics	2022-06-01
25	Minimum arc-cuts of normally regular digraphs and Deza digraphs	郭征宇(学)	张更生	Discrete Mathematics	2022-07-01
26	On the second neighbourhoods of quasi-strongly regular graphs	郭征宇(学)	张更生	Discrete Mathematics	2022-08-01
27	Generalized perfect difference families and their application to variable-weight geometric orthogonal codes	苏晓薇	田子红	Discrete Mathematics	2022-05-24
28	Intermittent synchronization for multi-link and multi-delayed large-scale systems with semi-Markov jump and its application of Chua's circuits	郭贝贝	肖宇	Chaos Solitons & Fractals	2023-09-03
29	Measures of imaginarity and quantum state order	陈强	高亭,闫凤利	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	2023-08-01
30	Convergence analysis of two conservative finite difference fourier pseudo-spectral schemes for klein-Gordon-Dirac system	王献芬	李计勇	Applied Mathematics and Computation	2023-02-15
31	An improved TOPSIS method for multi-criteria decision making based on hesitant fuzzy β neighborhood	靳晨霞	靳晨霞,米据生	Artificial Intelligence Review	2023-10-15
32	Bifurcation of limit cycles near a heteroclinic loop with nilpotent cusps	马德跃	杨俊敏	Communications in Nonlinear Science and Numerical Simulation	2023-06-09
33	Error analysis of a linear unconditionally energy-stable Leapfrog scheme for the Swift-Hohenberg equation	齐龙昭	侯延仁	Communications in Nonlinear Science and Numerical Simulation	2023-02-02
34	Gradient estimates of general nonlinear singular elliptic equations with measure data	张俊杰	冯兆生	Journal of Differential Equations	2023-11-05
35	Improved uniform error bounds of a time-splitting Fourier pseudo-spectral scheme for the Klein-Gordon-Schrödinger equation with the small coupling constant	李计勇	李计勇	Mathematics and Computers in Simulation	2023-10-01
36	Optimal error estimates of a time-splitting Fourier pseudo-spectral scheme for the Klein-Gordon-Dirac equation	李计勇	李计勇	Mathematics and Computers in Simulation	2023-06-01
37	Uniformly accurate nested Picard iterative schemes for nonlinear Schrödinger equation with highly oscillatory potential	李计勇	李计勇	Applied Numerical Mathematics	2023-10-01
38	More results on large sets of Kirkman triple systems	刘艳	雷建国	Designs, Codes and Cryptography	2023-08-01
39	A characterisation of atomicity	Tringali, Salvatore	Tringali, Salvatore	MATHEMATICAL PROCEEDINGS OF THE CAMBRIDGE PHILOSOPHICAL SOCIETY	2023-07-15
40	Geometric similarity invariants of Cowen-Douglas operators	蒋春澜	纪奎	Journal of Noncommutative Geometry	2023-05-25
41	Some properties of Melnikov functions near a cuspidal loop	杨俊敏	韩茂安	SCIENCE CHINA-MATHEMATICS	2023-12-15
42	Generalized Rectangular Convexity	苑立平	苑立平	ACTA MATHEMATICA SINICA-ENGLISH SERIES	2023-09-01

43	On quasi-strongly regular graphs with parameters $(n, k, a; k - 2, c_2)$ for $a < k - 5$	谢嘉毅	张更生	Discrete Mathematics	2023-08-03
44	Constructions of optimal two-dimensional optical orthogonal codes with AM-OPPW restriction for $\lambda = 2$	刘艳	雷建国	Discrete Mathematics	2023-08-01
45	Strong homotopy induced by adjacency structure	张志国	王彦英	Discrete Mathematics	2023-01-01
46	A uniformly accurate exponential wave integrator Fourier pseudo-spectral method with structure-preservation for long-time dynamics of the Dirac equation with small potentials	李计勇	李计勇	Numerical Algorithms	2023-02-01
47	Distance magic labeling of the halved folded n-cube	田毅	高锁刚	JOURNAL OF COMBINATORIAL OPTIMIZATION	2023-09-30
48	An approximation algorithm for the clustered path travelling salesman problem	张家旋	刘稳	Journal of Combinatorial Optimization	2023-05-01
49	Proofs of five conjectures on matching coefficients of Baruah, Das and Schlosser by an algorithmic approach	杜庆丹	唐大钊	Journal of Symbolic Computation	2023-05-16
50	An Approximation Algorithm for P-prize-collecting Set Cover Problem	郭金双	侯波	Journal of the Operations Research Society of China	2023-03-01
51	An Approximation Algorithm for the Parallel-Machine Customer Order Scheduling with Delivery Time and Submodular Rejection Penalties	郑红叶	侯波	Journal of the Operations Research Society of China	2024-05-18
52	The length of the cut locus on convex surfaces	苑立平	苑立平	Izvestiya Mathematics	2024-06-19
53	Spectra of quasi-strongly regular graphs	谢嘉毅	张更生	Discrete Mathematics	2024-01-31
54	Numerical analysis of a second-order energy-stable finite element method for the Swift-Hohenberg equation	齐龙昭	齐龙昭	Applied Numerical Mathematics	2024-03-01
55	Further study of distance-regular graphs with classical parameters with $b < 1$	田毅	高锁刚	Discrete Mathematics	2024-03-01
56	Improved uniform error bounds of an exponential wave integrator method for the Klein–Gordon–Schrödinger equation with the small coupling constant	李计勇	李计勇	Communications in Mathematical Sciences	2024-04-01
57	Synchronization of multi-link and multi-delayed inertial neural networks with Markov jump via aperiodically intermittent adaptive control	郭贝贝	肖宇	Mathematics and Computers in Simulation	2024-05-01
58	Exact Modulus of Continuities for Lambda-Fleming–Viot Processes with Brownian Spatial Motion	刘会利	刘会利	Journal of Theoretical Probability	2024-06-30
59	Improved uniform error bounds on an exponential wave integrator method for the nonlinear Schrödinger equation with wave operator and weak nonlinearity	李计勇	李计勇	Applied Numerical Mathematics	2024-07-01
60	Improved approximation algorithm for the parallel-machine customer order scheduling with delivery time and submodular rejection penalties	侯波	高锁刚	Optimization Letters	2024-09-01
61	Spectral radius and rainbow Hamilton paths of a graph	贺晓聪	冯立华	Discrete Mathematics	2024-10-01
62	On the similarity of powers of operators with flag structure	杨健铭	纪奎	Proceedings of the American Mathematical Society	2024-10-01

63	W-prize-collecting scheduling problem on parallel machines	侯波	刘稳	Journal of Combinatorial Optimization	2024-10-11
64	On finite sums of projections and Dixmier's averaging theorem for type III factors	曹新彦	姚兆林	Journal of Functional Analysis	2024-10-15
65	On hexavalent half-arc-transitive bi-dihedrants	张咪咪	张咪咪	Discrete Mathematics	2024-11-01
66	Blow-up profile of normalized solutions for fractional nonlinear Schrödinger equation with negative potentials	李再铮	罗海军	Discrete and Continuous Dynamical Systems	2025-01-01
67	Granular structure evaluation and selection based on justifiable granularity principle	李磊军	李磊军	Information Sciences	2024-04-01
68	Information granule optimization and co-training based on kernel method	白宇璋	米据生	Applied Soft Computing	2024-06-01
69	Limit cycles near a compound cycle in a near-Hamiltonian system with smooth perturbations	杨俊敏	杨俊敏	Chaos,Solitons & Fractals	2024-07-01
70	UNIFORM ERROR BOUNDS OF AN ENERGY-PRESERVING EXPONENTIAL WAVE INTEGRATOR FOURIER PSEUDO-SPECTRAL METHOD FOR THE NONLINEAR SCHRÖDINGER EQUATION WITH WAVE OPERATOR AND WEAK NONLINEARITY	李计勇	李计勇	Journal of Computational Mathematics (T1)	2025-03-09
71	Extremal graphs for the odd prism	贺晓聪	李永涛	Discrete Mathematics	2025-01-15
72	COWEN-DOUGLAS OPERATORS AND THE THIRD OF HALMOS' TEN PROBLEMS	蒋春澜	房军生	Israel Journal of Mathematics	2025-02-01
73	Uniform error bounds of an exponential wave integrator for the Klein-Gordon-Schrödinger system in the nonrelativistic and massless limit regime	李计勇	李计勇	Mathematics and Computers in Simulation (T2)	2025-02-15
74	A UNIFORMLY ACCURATE EXPONENTIAL WAVE INTEGRATOR METHOD FOR THE NONLINEAR KLEIN-GORDON EQUATION WITH HIGHLY OSCILLATORY POTENTIAL	李计勇	王斌	ESAIM: Mathematical Modelling and Numerical Analysis (T2)	2025-03-09
75	Some bivariate options pricing in a regime-switching stochastic volatility jump-diffusion model with stochastic intensity, stochastic interest and dependent jump	王立斌	刘丽霞	Mathematics and Computers in Simulation	2025-03-12
76	Rotating spirals for three-component competition systems	李再铮	Susanna Terracini	Journal of Differential Equations	2025-05-05
77	112-designs based on attenuated spaces of finite classical polar spaces	周静	曾丽伟	Discrete Mathematics	2025-05-08
78	An approximation algorithm for the k-prize-collecting hitting set problem	刘钦	刘稳	Optimization Letters	2025-05-09
79	Approximation algorithms for the W-prize-collecting scheduling problem on a single machine with submodular rejection	郭天娇	侯波	Journal of Combinatorial Optimization	2025-05-21
80	Approximation algorithms for the partition set cover problem with penalties	王琦	刘稳	Journal of Combinatorial Optimization	2025-05-21
81	Uniform error bounds of a nested Picard iterative integrator for the Klein-Gordon-Zakharov system in the subsonic limit regime	李计勇	李计勇	Advances in Computational Mathematics (T2)	2025-07-19

82	On the similarity of restriction of the operator to an invariant subspace	纪奎	冀姗姗	Bulletin des Sciences Mathématiques(数学会 T2)	2025-08-25
83	Limit cycles near a homoclinic loop in two classes of piecewise smooth near-Hamiltonian systems	马德跃	杨俊敏	Chaos, Solitons & Fractals	2025-02-01
84	Intuitive-K-prototypes: A mixed data clustering algorithm with intuitionistic distribution centroid	汪宏利	米据生	Pattern Recognition	2025-02-15
85	An efficient uncertainty measure with dynamic update mechanisms	孙莹莹	米据生	Knowledge-Based Systems	2025-06-07