

## 2013 年发表论文

以下列表为 SCI 收录的第一作者和通讯作者的 168 篇论文，按第一作者姓氏字母顺序排列

1. Ai, Mingyao; Li, Kang; Liu, Senmao; Lin, Dennis K. J., Balanced incomplete Latin square designs, JOURNAL OF STATISTICAL PLANNING AND INFERENCE, DEC 20 2013, 249, 311, 347
2. An, Jinpeng, Badziahin-Pollington-Velani's theorem and Schmidt's game, BULLETIN OF THE LONDON MATHEMATICAL SOCIETY, DEC 15 2013, 255, 16, 30 ,
3. An, Jinpeng; Yu, Jiu-Kang; Yu, Jun, ON THE DIMENSION DATUM OF A SUBGROUP AND ITS APPLICATION TO ISOSPECTRAL MANIFOLDS, JOURNAL OF DIFFERENTIAL GEOMETRY, DEC 15 2013, 408, 525, 540
4. Bingyin Zhou; Fan Zhang; Lihong Peng, Compact Representation for Dynamic Texture Video Coding Using Tensor Method, IEEE Transactions on Circuits and Systems for Video Technology, Dec. 2013, 8, 2138,21 53
5. Cai, Yunfeng; Bai, Zhaojun; Pask, John E.; Sukumar, N., Hybrid preconditioning for iterative diagonalization of ill-conditioned generalized eigenvalue problems in electronic structure calculations, JOURNAL OF COMPUTATIONAL PHYSICS, Dec-13, 275, 1275, 1286
6. Cai, Zhenning; Fan, Yuwei; Li, Ruo, GLOBALLY HYPERBOLIC REGULARIZATION OF GRAD'S MOMENT SYSTEM IN ONE DIMENSIONAL SPACE, COMMUNICATIONS IN MATHEMATICAL SCIENCES, Dec-13, 365, 6669, 6695
7. Cai, Zhenning; Fan, Yuwei; Li, Ruo; Lu, Tiao; Yao, Wenqi, Quantum hydrodynamic model of density functional theory, JOURNAL OF MATHEMATICAL CHEMISTRY, Dec-13, 210, 837, 855
8. Cai, Zhenning; Li, Ruo; Qiao, Zhonghua, Globally hyperbolic regularized moment method with applications to microflow simulation, COMPUTERS & FLUIDS, DEC 1 2013, 265, 2791, 2829
9. Carsten Carstensen, Dietmar Gallistl, Jun Hu, A posteriori error estimates for nonconforming finite element methods for fourth-order problems on rectangles, Numer. Math., 124(2013), pp. 309-335
10. Chang, K. C.; Pearson, K. J.; Zhang, Tan, Some variational principles for  $Z$ -eigenvalues of nonnegative tensors, LINEAR ALGEBRA AND ITS APPLICATIONS, NOV 1 2013, 29, 2690, 2698
11. Chang, K. C.; Zhang, T., On the uniqueness and non-uniqueness of the positive  $Z$ -eigenvector for transition probability tensors, JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, Nov-13, 153, 553, 571

12. Chaosheng Fan; Zuoquan Lin, Collaborative Ranking with Ranking-based Neighborhood, Web Technologies and Applications. 15th Asia-Pacific Web Conference, APWeb 2013. Proceedings, Nov. 2013, 10, 1350054 (13 pp.), 1350054 (13 pp.)
13. Chen, Dayue, Recent progress in probability and statistics in China, FRONTIERS OF MATHEMATICS IN CHINA, Nov-13, 87, 1121, 1124
14. Chen, Haimiao, Enumerating typical abelian coverings of Cayley graphs, DISCRETE MATHEMATICS, Nov-13, 10
15. Chen, Haimiao, Lifting automorphisms along abelian regular coverings of graphs, DISCRETE MATHEMATICS, Nov-13, 74, 335, 343
16. Chen, Haimiao; Shen, Hao, How to find G-admissible abelian regular coverings of a graph?, LINEAR ALGEBRA AND ITS APPLICATIONS, Nov-13, 58, 41, 63
17. Chen, Ling, Generalized Multiplicity-Free Representations of Nongraded Divergence-Free Lie Algebras, JOURNAL OF LIE THEORY, Nov-13, 11, 2005, 2019
18. Chen, Peng; Zhang, Fuxi, Limit theorems for the position of a tagged particle in the stirring-exclusion process, FRONTIERS OF MATHEMATICS IN CHINA, NOV 1 2013, 407, 119, 129
19. Chen, Yifan, A new family of surfaces of general type with  $K=2=7$  and  $p(g)=0$ , MATHEMATISCHE ZEITSCHRIFT, OCT 1 2013, 160, 2088
20. Chen, Yifan, Keum-Naie-Mendes Lopes-Pardini surfaces yield an irreducible component of the moduli space, BULLETIN OF THE LONDON MATHEMATICAL SOCIETY, Oct-13, 45, 911, 920 ,
21. Cui, Wei; Yang, Jingping; Wu, Lan, Optimal reinsurance minimizing the distortion risk measure under general reinsurance premium principles, INSURANCE MATHEMATICS & ECONOMICS, Oct-13, 45, 921, 929
22. Deng, Wanlu; Geng, Zhi; Luo, Peng, Identifiability of intermediate variables on causal paths, FRONTIERS OF MATHEMATICS IN CHINA, Oct-13, 7, 710, 728
23. Deng, W., Geng, Z. and Luo, P. (2013) Identifiability of intermediate variables on causal paths. Front. Math. China, 8, 517-539.
24. J. Deng, R. Li, T. Sun and S.-N. Wu, A Robust Simulation for Shallow Flows on Complex Rough Topography, Numerical Mathematics: Theory , Methods and Applications, 6(2), 2013, pp 384-407.
25. Ding, F. Li, Y. Zhang, Q., Tight contact structures on some bounded Seifert manifolds with minimal convex boundary, ACTA MATHEMATICA HUNGARICA, Oct-13, 31, 611, 622
26. Dong, Yongsheng; Ma, Jinwen, Feature extraction through contourlet subband clustering for texture classification, NEUROCOMPUTING, Oct-13, 8, 1197, 1226

27. E, Weinan; Shen, Hao, Exact Renormalization Group Analysis of Turbulent Transport by the Shear Flow, JOURNAL OF STATISTICAL PHYSICS, Oct-13, 51, 315, 328
28. Fan Zhang; Bingyin Zhou; Lizhong Peng, Gradient skewness tensors and local illumination detection for images, Journal of Computational and Applied Mathematics, SEP 23 2013, 88
29. Fan, Huijun; Jarvis, Tyler; Ruan, Yongbin, The Witten equation, mirror symmetry, and quantum singularity theory, ANNALS OF MATHEMATICS, SEP 20 2013, 116, 157, 164
30. Fan, Huijun; Shen, Yefeng, Quantum Ring of Singularity  $X-p + XYq$ , MICHIGAN MATHEMATICAL JOURNAL, SEP 15 2013, 255, 1069, 1085
31. Fang, Chonglun; Jin, Wei; Ma, Jinwen,  $k'$ -Means algorithms for clustering analysis with frequency sensitive discrepancy metrics, PATTERN RECOGNITION LETTERS, SEP 15 2013, 405, 565, 573
32. Feng, Rongquan; Nie, Menglong; Wu, Hongfeng, Twisted Jacobi intersections curves, THEORETICAL COMPUTER SCIENCE, Sep-13, 144, 391, 397
33. Ge, Hao; Qian, Hong, Dissipation, generalized free energy, and a self-consistent nonequilibrium thermodynamics of chemically driven open subsystems, PHYSICAL REVIEW E, SEP 1 2013, 2013, 325, 339
34. Guan, Qi'an; Zhou, Xiangyu, Generalized  $L^2$  extension theorem and a conjecture of Ohsawa, COMPTES RENDUS MATHEMATIQUE, Sep-13, 29, 1713, 1722
35. Guo, Enli; Liu, Huaifu; Mo, Xiaohuan, ON SPHERICALLY SYMMETRIC FINSLER METRICS WITH ISOTROPIC BERWALD CURVATURE, INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, Sep-13, 29, 1781, 1790
36. Guo, Shuai; Zhou, Jian, ORBIFOLD ELLIPTIC GENERA OF QUOTIENTS OF COMPLETE INTERSECTIONS IN WEIGHTED PROJECTIVE SPACES, INTERNATIONAL JOURNAL OF MATHEMATICS, Sep-13, 56, 616, 636
37. Guo, Zihua; Kwak, Chulkwang; Kwon, Soonsik, Rough solutions of the fifth-order KdV equations, JOURNAL OF FUNCTIONAL ANALYSIS, Sep-13, 143, 1575, 1582
38. Guo, Zihua; Kwon, Soonsik; Oh, Tadahiro, Poincare-Dulac Normal Form Reduction for Unconditional Well-Posedness of the Periodic Cubic NLS, COMMUNICATIONS IN MATHEMATICAL PHYSICS, SEP 1 2013, 78, 1572, 1599
39. Guo, Zihua; Nakanishi, Kenji; Wang, Shuxia, Global dynamics below the ground state energy for the Zakharov system in the 3D radial case, ADVANCES IN MATHEMATICS, SEP 1 2013, 392, 3846, 3855
40. Han, Qing; Khuri, Marcus, Smooth solutions to a class of mixed type Monge-Ampere equations, CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS, Sep-13, 33, 4123, 4155

41. Hao Ge; Hong Qian, Dissipation, generalized free energy, and a self-consistent nonequilibrium thermodynamics of chemically driven open subsystems, *Physical Review E (Statistical, Nonlinear, and Soft Matter Physics)*, AUG 27 2013, 8
42. He, Baolin; Gan, Shaobo, ROBUSTLY NON-HYPERBOLIC TRANSITIVE ENDOMORPHISMS ON T<sup>2</sup>, *PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY*, AUG 5 2013, 57, 2348, 2363
43. Hongfeng Wu; Rongquan Feng, Efficient Self-pairing on Ordinary Elliptic Curves, *Theory and Applications of Models of Computation. 10th International Conference, TAMC 2013. Proceedings*, Aug-13, 45, 721, 733
44. Hu, Jun; Huang, Yunqing, Lower Bounds for Eigenvalues of the Stokes Operator, *ADVANCES IN APPLIED MATHEMATICS AND MECHANICS*, Aug-13, 14, 265, 275
45. Hu, Jun; Shi, Zhongci, A LOWER BOUND OF THE L-2 NORM ERROR ESTIMATE FOR THE ADINI ELEMENT OF THE BIHARMONIC EQUATION, *SIAM JOURNAL ON NUMERICAL ANALYSIS*, Aug-13, 14, 276, 300
46. Hu, Jun; Xu, Jinchao, Convergence and Optimality of the Adaptive Nonconforming Linear Element Method for the Stokes Problem, *JOURNAL OF SCIENTIFIC COMPUTING*, Aug-13, 14, 443, 460
47. L. Huang and X. Mo, Projectively flat Finsler metrics with orthogonal invariance, *Annales Polonici Mathematici*. 107(2013), 259-270.
48. L. Huang and X. Mo, On some explicit constructions of dually flat Finsler metrics, *Journal of Mathematical Analysis and Applications*, 405(2013) 565-573.
49. Jun Hu and Shangyou Zhang, Nonconforming finite element methods on quadrilateral meshes, *Science China Mathematics*, 56(2013), pp. 2599-2614.
50. Huo ShengJin; Tang ShuAn; Wu ShengJian, Hausdorff dimension of quasi-circles of polygonal mappings and its applications, *SCIENCE CHINA-MATHEMATICS*, Aug-13, 322, 19, 48
51. Huo, Shengjin; Wu, Shengjian, Hausdorff dimensions of quasilines varying in the universal Teichmuller space, *BULLETIN OF THE LONDON MATHEMATICAL SOCIETY*, Aug-13, 51, 1747, 1771 ,
52. Jiang, Kai; Wang, Chu; Huang, Yunqing; Zhang, Pingwen, Discovery of New Metastable Patterns in Diblock Copolymers, *COMMUNICATIONS IN COMPUTATIONAL PHYSICS*, Aug-13, 356, 1425, 1454
53. Kai Zhao; Tiao Lu; Gang Du; Xiao-yan Liu; Xing Zhang, Impact of back biasing in ultra short channel UTBB SOI nMOSFETs, 2013 International Conference on Simulation of Semiconductor Processes and Devices (SISPAD), Aug-13, 56, 409, 431

54. Kedian Mu; Jun Hong; Zhi Jin; Weiru Liu, From inconsistency handling to non-canonical requirements management: a logical perspective, *International Journal of Approximate Reasoning*, JUL 28 2013, 313, 1503, 1510
55. Khan, Z. H. ; Khan, W. A. ; Pop, I., Triple diffusive free convection along a horizontal plate in porous media saturated by a nanofluid with convective boundary condition, *INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER*, JUL 28 2013, 313, 1535, 1539
56. Khan, Zafar Hayat; Pritchard, David, Liquid-vapour fronts in porous media: Multiplicity and stability of front positions, *INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER*, JUL 20 2013, 81, 95, 109
57. Li, Chengzhi; Zhu, Huaiping, Canard cycles for predator-prey systems with Holling types of functional response, *JOURNAL OF DIFFERENTIAL EQUATIONS*, JUL 8 2013, 494, 24, 35
58. Li, Ruo; Wu, Shuonan, H-adaptive Mesh Method with Double Tolerance Adaptive Strategy for Hyperbolic Conservation Laws, *JOURNAL OF SCIENTIFIC COMPUTING*, Jul-13, 141, 2453, 2465
59. Li, Tiejun; Min, Bin; Wang, Zhiming, Marcus canonical integral for non-Gaussian processes and its computation: Pathwise simulation and tau-leaping algorithm, *JOURNAL OF CHEMICAL PHYSICS*, Jul-13, 49, 2028, 2034
60. Li, Tiejun; Zhang, Pingwen; Zhang, Wei, NUCLEATION RATE CALCULATION FOR THE PHASE TRANSITION OF DIBLOCK COPOLYMERS UNDER STOCHASTIC CAHN-HILLIARD DYNAMICS, *MULTISCALE MODELING & SIMULATION*, Jul-13, 24,
61. Li, Weigu; Llibre, Jaume; Wu, Hao, Reduction of periodic difference systems to linear or autonomous ones, *BULLETIN DES SCIENCES MATHÉMATIQUES*, Jul-13, 56, 1509, 1520
62. Li, Zhiming; Shu, Lin, THE METRIC ENTROPY OF RANDOM DYNAMICAL SYSTEMS IN A HILBERT SPACE: CHARACTERIZATION OF INVARIANT MEASURES SATISFYING PESIN'S ENTROPY FORMULA, *DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS*, Jul-13, 49, 2028, 2034
63. Liang, Qin; Li, Jianfeng; Zhang, Pingwen; Chen, Jeff Z. Y., Modified diffusion equation for the wormlike-chain statistics in curvilinear coordinates, *JOURNAL OF CHEMICAL PHYSICS*, Jul-13, 62, 526, 533
64. Liang, Xin; Li, Ren-Cang; Bai, Zhaojun, Trace minimization principles for positive semi-definite pencils, *LINEAR ALGEBRA AND ITS APPLICATIONS*, Jul-13, 59, 72
65. Liao, Gang; Sun, Wen Xiang, Ergodic measures of geodesic flows on compact Lie groups, *ACTA MATHEMATICA SINICA-ENGLISH SERIES*, Jul-13, 178,

66. Liao, Gang; Viana, Marcelo; Yang, Jiagang, The entropy conjecture for diffeomorphisms away from tangencies, JOURNAL OF THE EUROPEAN MATHEMATICAL SOCIETY, 138, 244910 (5 pp.), 244910 (5 pp.)
67. Lin, Lin; Shao, Sihong; Weinan, E., Efficient iterative method for solving the Dirac-Kohn-Sham density functional theory, JOURNAL OF COMPUTATIONAL PHYSICS, JUN 18 2013, 87
68. Liu HePing; Zhu XiaoJie, Joint eigenfunctions of invariant differential operators on the quaternion Heisenberg group, SCIENCE CHINA-MATHEMATICS, JUN 15 2013, 14
69. Liu, Chenglin; Ma, Jinwen; Chang, ChungChe (Jeff); Zhou, Xiaobo, FusionQ: a novel approach for gene fusion detection and quantification from paired-end RNA-Seq, BMC BIOINFORMATICS, JUN 11 2013, 110, 9680, 9685
70. Liu, Heping; Wang, Yingzhan, WIENER MEASURE FOR H-TYPE GROUP, INTERNATIONAL JOURNAL OF MATHEMATICS, Jun-13, 87, 062125 (9 pp.), 062125 (9 pp.)
71. Liu, Jia-Quan; Liu, Xiang-Qing; Wang, Zhi-Qiang, Quasilinear Equations via Elliptic Regularization Method, ADVANCED NONLINEAR STUDIES, JUN 1 2013, 28, 173, 186
72. Jiakun Liu and Bin Zhou, An obstacle problem for a class of Monge-Ampere typed functionals, Journal of Differential Equations, 254(2013) 1306-1325.
73. Liu, Rong-Li; Ren, Yan-Xia; Song, Renming, Strong Law of Large Numbers for a Class of Superdiffusions, ACTA APPLICANDAE MATHEMATICAE, Jun-13, 26, 470, 482
74. Liu, Xiangqing; Liu, Jiaquan; Wang, Zhi-Qiang, Ground states for quasilinear Schrodinger equations with critical growth, CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS, Jun-13, 28, 127, 137
75. Lu, Tiao; Cai, Wei; Xin, Jianguo; Guo, Yinglong, Linear Scaling Discontinuous Galerkin Density Matrix Minimization Method with Local Orbital Enriched Finite Element Basis: 1-D Lattice Model System, COMMUNICATIONS IN COMPUTATIONAL PHYSICS, Jun-13, 8, 477, 478
76. Ma, Xiang, Complete stationary surfaces in  $R^1(4)$  with total Gaussian curvature  $-\int K \, dM = 6\pi$ , DIFFERENTIAL GEOMETRY AND ITS APPLICATIONS, Jun-13, 8, 517, 539
77. Ma, Xiang; Wang, Changping; Wang, Peng, Global geometry and topology of spacelike stationary surfaces in the 4-dimensional Lorentz space, ADVANCES IN MATHEMATICS, Jun-13, 8, 583, 608
78. Xiang Ma, Complete stationary surfaces in  $R^4_1$  with total Gaussian curvature  $-\int K \, \mathrm{d}M = 6\pi$ , Differential Geometry and its Applications (2013), no. 611 - 622

79. Tongzhu Li, Xiang Ma, Changping Wang, Willmore hypersurfaces with constant Möbius curvature in  $\mathbb{R}^{n+1}$ , *Geom. Dedicata*, 166(2013), 251-267
80. Ma, Xiaojing; Wu, Lan, VaR Criteria for optimal limited change-loss and truncated change-loss reinsurance, *FRONTIERS OF MATHEMATICS IN CHINA*, Jun-13, 8, 643, 663
81. Makinde, O. D.; Khan, W. A.; Khan, Z. H., Buoyancy effects on MHD stagnation point flow and heat transfer of a nanofluid past a convectively heated stretching/shrinking sheet, *INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER*, Jun-13, 61, 1, 17
82. Mingjie Liu; Nguyen, P.Q., Solving BDD by Enumeration: An Update, *Topics in Cryptology - CT-RSA 2013. The Cryptographers' Track at the RSA Conference 2013. Proceedings*, Jun-13, 11, 547, 571
83. Michael A. Kouritzin, Ren Yanxia: A Strong Law of Large Numbers for Super-stable Processes, *Stoch. Proc. Appl.* 121(1) (2014): 505-521
84. Mo, Xiaohuan; Wang, Xiaoyang, ON FINSLER METRICS OF CONSTANT S-CURVATURE, *BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY*, MAY 24 2013, 87
85. Mu, Kedian; Hong, Jun; Jin, Zhi; Liu, Weiru, From inconsistency handling to non-canonical requirements management: A logical perspective, *INTERNATIONAL JOURNAL OF APPROXIMATE REASONING*, MAY 20 2013, 41, 1608, 1618
86. Mu, Kedian; Jin, Zhi; Liu, Weiru; Zowghi, Didar; Wei, Bo, Measuring the significance of inconsistency in the Viewpoints framework, *SCIENCE OF COMPUTER PROGRAMMING*, MAY 20 2013, 41, 1929, 1953
87. Naudot, Vincent; Yang, Jiazhong, Quasi-linearization of parameter-depending germs of vector fields, *DYNAMICAL SYSTEMS-AN INTERNATIONAL JOURNAL*, 7-May-13, 138, 174106 (10 pp.)
88. Papini, Pier Luigi; Wu, Senlin, Measurements of differences between orthogonality types, *JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS*, MAY 2 2013, 117, 5296, 5305
89. Peng Liang, Qian Linyi, Yang Jingping (2013) .Weighted estimation of the dependence function for an extreme-value distribution. *BERNOULLI* . Vol. 19(2), 492-520.
90. Qi, Yanfeng; Tang, Chunming; Guo, Baoan; Xu, Maozhi, Super-optimal Pairings, *MECHANICAL ENGINEERING, MATERIALS AND ENERGY II*, MAY-JUN 2013, 30, 367, 384
91. Qing, Jie; Shi, Yuguang; Wu, Jie, Normalized Ricci flows and conformally compact Einstein metrics, *CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS*, MAY 1 2013, 4, 709, 724

92. Ren, Jie; Song, Kai; Sun, Fengzhu; Deng, Minghua; Reinert, Gesine, Multiple alignment-free sequence comparison, BIOINFORMATICS, May-13, 103, 1, 21
93. Shen, Zhencai; Zhang, Jinshan; Shi, Wujie, ON A GENERALIZATION OF HAMILTONIAN GROUPS AND A DUALIZATION OF PN-GROUPS, COMMUNICATIONS IN ALGEBRA, May-13, 19, 492, 520
94. Sheng, Yunhe; Liu, Zhangju, LEIBNIZ 2-ALGEBRAS AND TWISTED COURANT ALGEBROIDS, COMMUNICATIONS IN ALGEBRA, MAY 1 2013, 238, 412, 441
95. Shi, Shengkun; Mao, Heng, A generalized hybrid algorithm for bioluminescence tomography, BIOMEDICAL OPTICS EXPRESS, APR 15 2013, 219, 8759, 8769
96. Shu, Qin; Qiu, Zongyan; Wang, Shuling, Confinement framework for encapsulating objects, FRONTIERS OF COMPUTER SCIENCE, APR 15 2013, 438, 3303, 3320
97. Shuyi Zhang; Yi Li; Yong Gao, XML-based model libraries application in Geographic Information System, 2013 21st International Conference on Geoinformatics, Apr-13, 13, 1093, 1106
98. Song, Kai; Ren, Jie; Zhai, Zhiyuan; Liu, Xuemei; Deng, Minghua; Sun, Fengzhu, Alignment-Free Sequence Comparison Based on Next-Generation Sequencing Reads, JOURNAL OF COMPUTATIONAL BIOLOGY, Apr-13, 263, 283
99. Song, Wentu; Cai, Kai; Feng, Rongquan; Fan, Pingyi, The Capacity Kernel of Communication Networks, INTERNATIONAL CONFERENCE ON GRAPHIC AND IMAGE PROCESSING (ICGIP 2012), Apr-13, 7, 236, 256
100. Song, Wentu; Cai, Kai; Feng, Rongquan; Yuen, Chau, The Complexity of Network Coding With Two Unit-Rate Multicast Sessions, IEEE TRANSACTIONS ON INFORMATION THEORY, Apr-13, 28, 831, 850
101. Song, Xueling; Liu, Yanjun, The Steinberg Character of Finite Classical Groups, ALGEBRA COLLOQUIUM, Apr-13, 17, 395, 417
102. Naifang Su, Minping Qian, Minghua Deng. Integrative Approaches for microRNA Target Prediction: Combining Sequence Information and the Paired mRNA and miRNA Expression Profiles. Curr Bioinform. 2013 Feb;8(1):37-45.
103. Tang ShuAn, Some characterizations of the integrable Teichmuller space, SCIENCE CHINA-MATHEMATICS, Apr-13, 55, 125, 148
104. Tang, Lin, Regularity results on the parabolic Monge-Ampere equation with VMO type data, JOURNAL OF DIFFERENTIAL EQUATIONS, Apr-13, 139, 64, 84



105. Tang lin, A weighted transplation theorem for Laguerre function expansions, JOURNAL OF CONTEMPORARY MATHEMATICAL ANALYSIS, 48(4), pp 174-188, 2013.
106. Tian, Gang; Zhang, Shijin; Zhang, Zhenlei; Zhu, Xiaohua, PERELMAN'S ENTROPY AND KAHLER-RICCI FLOW ON A FANO MANIFOLD, TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY, Apr-13, 29, 717, 728
107. G. Tian and X.H. Zhu, Convergence of Kähler-Ricci flow on Fano manifolds, J. Reine Angew. Math. 678 (2013), 223 - 245. DOI 10.1515.
108. Tiejun Li; Bin Min; Zhiming Wang, Marcus canonical integral for non-Gaussian processes and its computation: Pathwise simulation and tau-leaping algorithm, Journal of Chemical Physics, Apr-13, 33, 560, 584
109. Wang, Baoxiang, Globally well and ill posedness for non-elliptic derivative Schrodinger equations with small rough data, JOURNAL OF FUNCTIONAL ANALYSIS, 138, 104118 (17 pp.)
110. Wang, Changzhang; Zhou, You; Geng, Zhi, Discovering causes and effects of a given node in Bayesian networks, FRONTIERS OF MATHEMATICS IN CHINA, MAR 14 2013, 138
111. Wang, Chao; Wang, Shicheng; Zhang, Yimu; Zimmermann, Bruno, Extending finite group actions on surfaces over  $S^3$ , TOPOLOGY AND ITS APPLICATIONS, Mar-13, 99, 297, 308
112. Wang, David G. L., On universal tilers, GEOMETRIAE DEDICATA, Mar-13, 20, 163, 168
113. Wang, David G. L., Determining All Universal Tilers, DISCRETE & COMPUTATIONAL GEOMETRY, Mar-13, 20, 169, 172
114. Wang, David G. L.; Zhao, Tongyuan, The real-rootedness and log-concavities of coordinator polynomials of Weyl group lattices, EUROPEAN JOURNAL OF COMBINATORICS, Mar-13, 137, 129, 139
115. Wang, Fugui; Chen, Rui; Ji, Dong; Bai, Shunong; Qian, Minping; Deng, Minghua, Adjustment method for microarray data generated using two-cycle RNA labeling protocol, BMC GENOMICS, Mar-13, 9
116. Wang, Geng; Lin, Zuoquan, Modeling Non-Monotonic Properties under Propositional Argumentation, INTERNATIONAL CONFERENCE ON GRAPHIC AND IMAGE PROCESSING (ICGIP 2012), Mar-13, 56, 541, 551
117. Wang, Han; Hu, Dan; Zhang, Pingwen, Measuring the Spontaneous Curvature of Bilayer Membranes by Molecular Dynamics Simulations, COMMUNICATIONS IN COMPUTATIONAL PHYSICS, Mar-13, 83, 797, 804
118. Wang, Jie, Primitive permutation groups with a solvable 2-transitive subconstituent, JOURNAL OF ALGEBRA, Mar-13, 12, 168, 173

119. Wang, Lin; Zheng, Wei; Zhao, Hongyu; Deng, Minghua, Statistical Analysis Reveals Co-Expression Patterns of Many Pairs of Genes in Yeast Are Jointly Regulated by Interacting Loci, PLOS GENETICS, Mar-13, 355, 1049, 1065
120. Wang, Li Zhong, On inclusion of permutation modules, ACTA MATHEMATICA SINICA-ENGLISH SERIES, Mar-13, 12, 168, 173
121. Wang, Ming; Chen, Long, Multigrid Methods for the Stokes Equations using Distributive Gauss-Seidel Relaxations based on the Least Squares Commutator, JOURNAL OF SCIENTIFIC COMPUTING, Mar-13, 46, 641, 669
122. Wang, Ming; Xu, Jinchao, MINIMAL FINITE ELEMENT SPACES FOR  $2m$ -TH-ORDER PARTIAL DIFFERENTIAL EQUATIONS IN  $R^n$ , MATHEMATICS OF COMPUTATION, Mar-13, 49, 302, 316
123. Wang, Peng; Zeng, Gang; Gan, Rui; Wang, Jingdong; Zha, Hongbin, Structure-Sensitive Superpixels via Geodesic Distance, INTERNATIONAL JOURNAL OF COMPUTER VISION, MAR 1 2013, 377, 97, 124
124. Wang, Ruodu; Peng, Liang; Yang, Jingping, Jackknife empirical likelihood for parametric copulas, SCANDINAVIAN ACTUARIAL JOURNAL, FEB 15 2013, 339, 816, 819
125. Wang, Ruodu; Peng, Liang; Yang, Jingping, Bounds for the sum of dependent risks and worst Value-at-Risk with monotone marginal densities, FINANCE AND STOCHASTICS, Feb-13, 5, 1, 18
126. Wang, Shuxia, Energy Scattering for Schrodinger Equation with Exponential Nonlinearity in Two Dimensions, JOURNAL OF FUNCTION SPACES AND APPLICATIONS, Feb-13, 351, 111, 114
127. Wang, Wei, Stability of closed characteristics on symmetric compact convex hypersurfaces in  $R^{2n}$ , JOURNAL DE MATHEMATIQUES PURES ET APPLIQUEES, Feb-13, 23, 291, 299
128. Wang, Wei, On the average indices of closed geodesics on positively curved Finsler spheres, MATHEMATISCHE ANNALEN, Feb-13, 24
129. Wang, Wei; Zhang, Pingwen; Zhang, Zhifei, Well-Posedness of the Ericksen-Leslie System, ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS, Feb-13, 83, 655, 664
130. Wang, Wendong; Zhang, Zhifei, ON THE INTERIOR REGULARITY CRITERIA FOR SUITABLE WEAK SOLUTIONS OF THE MAGNETOHYDRODYNAMICS EQUATIONS, SIAM JOURNAL ON MATHEMATICAL ANALYSIS, Feb-13, 20, 64, 79
131. Wang, Xiaoming; Zhang, Zhifei, Well-posedness of the Hele-Shaw-Cahn-Hilliard system, ANNALES DE L INSTITUT HENRI POINCARÉ-ANALYSE NON LINEAIRE, Feb-13, 23, 217, 227
132. Wei Chen; Nagler, J.; Xueqi Cheng; Xiaolong Jin; Huawei Shen; Zhiming Zheng; D'Souza, R.M., Phase transitions in supercritical

- explosive percolation, *Physical Review E (Statistical, Nonlinear, and Soft Matter Physics)*, Feb. 2013, 23,
133. Wei Zhang; Zuoquan Lin, Representation and reasoning on RBAC: a nonmonotonic approach, *Knowledge Science, Engineering and Management. 6th International Conference, KSEM 2013. Proceedings. LNCS 8041, Feb-13, 123, 73, 97*
  134. Weinan, E. ; Lu, Jian-feng; Yang, Xu, Asymptotic Analysis of Quantum Dynamics in Crystals: the Bloch-Wigner Transform, Bloch Dynamics and Berry Phase, *ACTA MATHEMATICAE APPLICATAE SINICA-ENGLISH SERIES, FEB 1 2013, 254, 1306, 1325*
  135. Wen Guochun, Existence of Solutions of Inverse Problems for Elliptic Complex Equations with Degenerate Curve in Multiple Connected Domains, *ZEITSCHRIFT FUR ANALYSIS UND IHRE ANWENDUNGEN, Feb-13, 34, 490, 494*
  136. Wen Guo-chun, The oblique derivative problem for nonlinear elliptic complex equations of second order in multiply connected unbounded domains, *APPLIED MATHEMATICS-A JOURNAL OF CHINESE UNIVERSITIES SERIES B, 16 Jan. 2013, 34, 105*
  137. Wen, Guo Chun, Oblique derivative problem for quasilinear mixed (Lavrentev-Bitsadze) equations of second order in two connected domains, *ACTA MATHEMATICA SINICA-ENGLISH SERIES, JAN 16 2013, 14, ,*
  138. Wen, Guo Chun, A new process for constructing coefficients of elliptic complex equations in multiply connected domains, *COMPLEX VARIABLES AND ELLIPTIC EQUATIONS, JAN 15 2013, 254, 879, 910*
  139. Wen, Guo Chun, AN APPROACH FOR CONSTRUCTING COEFFICIENTS OF DEGENERATE ELLIPTIC COMPLEX EQUATIONS, *ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, JAN 9 2013*
  140. Wendong Wang; Zhifei Zhang, On the interior regularity criteria for suitable weak solutions of the magnetohydrodynamics equations, *SIAM Journal on Mathematical Analysis, 2013, 288, 91*
  141. Wenqi Yao; Ruo Li; Tiao Lu; Xiaoyan Liu; Gang Du; Kai Zhao, Globally hyperbolic moment method for BTE including phonon scattering, *2013 International Conference on Simulation of Semiconductor Processes and Devices (SISPAD), 2013*
  142. Wentu Song; Kai Cai; Rongquan Feng; Chau Yuen, The Complexity of Network Coding With Two Unit-rate Multicast Sessions, *IEEE Transactions on Information Theory, 2013, 45, 2666, 2677*
  143. K.L. Wu and H.Z. Tang, Finite volume local evolution Galerkin method for two-dimensional special relativistic hydrodynamics, *J. Comput. Phys., 256(2014), 277-307.*
  144. Wu, Xiuchen; Liu, Hongyan; Wang, Yufu; Deng, Minghua, Prolonged limitation of tree growth due to warmer spring in semi-

- arid mountain forests of Tianshan, northwest China, ENVIRONMENTAL RESEARCH LETTERS, 2013, 15, 2043, 2060
145. Xia, Jing; Yu, Zhixian; Yuan, Rong, STABILITY AND HOPF BIFURCATION IN A SYMMETRIC LOTKA-VOLTERRA PREDATOR-PREY SYSTEM WITH DELAYS, ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, Jan-13, 82, 25, 43
  146. Xie, Siyuan; Yang, Jingping; Zhou, Shulin, Numerical algorithms for Panjer recursion by applying Bernstein approximation, FRONTIERS OF MATHEMATICS IN CHINA, Jan-13, 141, 253, 263
  147. Xin Liang; Zuoquan Lin, Measuring Formula-Variable Relevance in Four-Valued Logic by Forgetting, Knowledge Science, Engineering and Management. 6th International Conference, KSEM 2013. Proceedings. LNCS 8041, 2013, 45, 2666, 2677
  148. Xin Liang; Zuoquan Lin; Van den Bussche, J., Quantitatively Evaluating Formula-variable Relevance by Forgetting, Advances in Artificial Intelligence. 26th Canadian Conference on Artificial Intelligence, Canadian AI 2013. Proceedings, 2013, 51, 2651, 2659
  149. Xiong, Huan, On a discrete version of alexandrov's projection theorem, ACTA MATHEMATICA SINICA-ENGLISH SERIES, 2013, 4.
  150. Xu, Jian; Shao, Sihong; Tang, Huazhong, Numerical methods for nonlinear Dirac equation, JOURNAL OF COMPUTATIONAL PHYSICS, 2013, 706-708, 1843, 1846
  151. Xu, Weiquan; Jiang, Kai; Zhang, Pingwen; Shi, An-Chang, A Strategy to Explore Stable and Metastable Ordered Phases of Block Copolymers, JOURNAL OF PHYSICAL CHEMISTRY B, 2013, 23, 507, 549
  152. Xu, Xiaoping; Zhao, Yufeng, Extensions of the conformal representations for orthogonal Lie algebras, JOURNAL OF ALGEBRA, 2013, 230, 240
  153. Xue, Xiaofeng, Contact processes with random connection weights on regular graphs, PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, 2013, 42, 53
  154. Yan Zhu; Di Ma; Shanbiao Wang; Rongquan Feng, Efficient Identity-Based Encryption without Pairings and Key Escrow for Mobile Devices, Wireless Algorithms, Systems, and Applications. 8th International Conference, WASA 2013. Proceedings. LNCS 7992, 2013, 29, 465, 476
  155. Yang, Jiansheng; Vannier, Michael W.; Wang, Fang; Deng, Yan; Ou, Fengrong; Bennett, James; Liu, Yang; Wang, Ge, A bibliometric analysis of academic publication and NIH funding, JOURNAL OF INFORMETRICS, 2013, 8768
  156. Yao, Changlong, A note on geodesics for supercritical continuum percolation, STATISTICS & PROBABILITY LETTERS, 1 Jan. 2013, 237, 663, 71

157. Yao, Yuan; Cui, Raymond Z.; Bowman, Gregory R.; Silva, Daniel-Adriano; Sun, Jian; Huang, Xuhui, Hierarchical Nystrom methods for constructing Markov state models for conformational dynamics, JOURNAL OF CHEMICAL PHYSICS, 2013, 770, 781
158. Yuan Yao; Cui, R.Z.; Bowman, G.R.; Silva, D.-A.; Jian Sun; Xuhui Huang, Hierarchical Nystrom methods for constructing Markov state models for conformational dynamics, Journal of Chemical Physics, 2013
159. Zeng LiWei; Chai Zhao; Feng RongQuan; Ma ChangLi, Full automorphism group of the generalized symplectic graph, SCIENCE CHINA-MATHEMATICS, 2013, 32, 1, 17
160. J. Zhao and H.Z. Tang, Runge-Kutta discontinuous Galerkin methods with WENO limiter for the special relativistic hydrodynamics, J. Comput. Phys., 242(2013), 138-168.
161. J. Zhao, P. He, and H.Z. Tang, Steger-Warming flux vector splitting method for special relativistic hydrodynamics, Mathematical Methods in the Applied Sciences, 2013. DOI: 10.1002/mma.2857
162. Zhang Zhihai; Kapur, Deepak, On invariant checking, JOURNAL OF SYSTEMS SCIENCE & COMPLEXITY, Jan-13, 261, 117, 144
163. Zhang, Fan; Zhou, Bingyin; Peng, Lizhong, Gradient skewness tensors and local illumination detection for images, JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, 2013, 11, 385, 409
164. Zhang, Wei; Lin, Zuoquan, An ASP Based Approach of Inter-domain Role Mapping, MECHATRONICS AND INTELLIGENT MATERIALS III, PTS 1-3, 2013
165. Zhang, Zhenzhong; Chen, Dayue, A new criterion on existence and uniqueness of stationary distribution for diffusion processes, ADVANCES IN DIFFERENCE EQUATIONS, 2013, 107, 259, 270
166. Zhao, Jian; Tang, Huazhong, Runge-Kutta discontinuous Galerkin methods with WENO limiter for the special relativistic hydrodynamics, JOURNAL OF COMPUTATIONAL PHYSICS, Jan-13, 33, 131, 138
167. Zhou, Bin, The Sobolev inequality for complex Hessian equations, MATHEMATISCHE ZEITSCHRIFT, Jan-13, 54, 109, 131
168. Zhu, Xiaohua, Stability of Kahler-Ricci flow on a Fano manifold, MATHEMATISCHE ANNALEN, JAN 1 2013, 237, 663, 671

以下列表为 SCI 收录的非第一作者和通讯作者的 69 篇论文, 按第一作者姓氏字母顺序排列

1. Akbar, N. S. ; Nadeem, S. ; Ul Haq, R. ; Khan, Z. H., Numerical solutions of Magnetohydrodynamic boundary layer flow of tangent hyperbolic fluid towards a stretching sheet, INDIAN JOURNAL OF PHYSICS, DEC 15 2013, 265, 3009, 3052
2. Carstensen, Carsten; Gallistl, Dietmar; Hu, Jun, A posteriori error estimates for nonconforming finite element methods for fourth-order problems on rectangles, NUMERISCHE MATHEMATIK, Nov-13, 66, 603, 612
3. Chaosheng Fan; Zuoquan Lin, Collaborative Ranking with Ranking-based Neighborhood, Web Technologies and Applications. 15th Asia-Pacific Web Conference, APWeb 2013. Proceedings, Nov. 2013, 10, 1350054 (13 pp.)
4. Chen, Qionglei; Miao, Changxing; Zhang, Zhifei, GLOBAL WELL-POSEDNESS FOR THE 3D ROTATING NAVIER-STOKES EQUATIONS WITH HIGHLY OSCILLATING INITIAL DATA, PACIFIC JOURNAL OF MATHEMATICS, OCT 31 2013, 88
5. Chen, Wei; Cheng, Xueqi; Zheng, Zhiming; Chung, Ning Ning; D'Souza, Raissa M. ; Nagler, Jan, Unstable supercritical discontinuous percolation transitions, PHYSICAL REVIEW E, OCT 24 2013, 117, 13378, 13387
6. Chen, Wei; Cheng, Xueqi; Zheng, Zhiming; Chung, Ning Ning; D'Souza, Raissa M. ; Nagler, Jan, Unstable supercritical discontinuous percolation transitions, PHYSICAL REVIEW E, OCT 24 2013, 117, 13378,
7. Chen, Wei; Nagler, Jan; Cheng, Xueqi; Jin, Xiaolong; Shen, Huawei; Zheng, Zhiming; D'Souza, Raissa M., Phase transitions in supercritical explosive percolation, PHYSICAL REVIEW E, OCT 15 2013, 392, 4749, 4759
8. Deng, W., Geng, Z. and Li, H. (2013) Learning local directed acyclic graphs based on multivariate time series data. Annals of Applied Statistics, 7, 1663-1683.
9. Enli Guo; Huaifu Liu; Xiaohuan Mo, On Spherically Symmetric Finsler Metrics with Isotropic Berwald Curvature, International Journal of Geometric Methods in Modern Physics, OCT 1 2013, 255, 1646, 1656
10. Gai Liu; Gang Du; Tiao Lu; Xiaoyan Liu; Pingwen Zhang; Xing Zhang, Simulation Study of Quasi-ballistic Transport in Asymmetric DG-MOSFET by Directly Solving Boltzmann Transport Equation, IEEE Transactions on Nanotechnology, Sep-13, 59, 5692, 5707
11. Ge, Huabin; Xu, Xu, Lower eigenvalue estimates of a Dirac-type operator involving electromagnetic field, JOURNAL OF GEOMETRY AND PHYSICS, Sept. 2013, 59, 5692, 5707

12. Hao, Chenggong; Jin, Zhuxuan, FINITE  $p$ -GROUPS WHICH CONTAIN A SELF-CENTRALIZING CYCLIC NORMAL SUBGROUP, ACTA MATHEMATICA SCIENTIA, AUG 6 2013, 3
13. Huang, Libing; Mo, Xiaohuan, On some explicit constructions of dually flat Finsler metrics, JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, Aug-13, 64, 1283, 1304
14. Huang, Libing; Mo, Xiaohuan, Projectively flat Finsler metrics with orthogonal invariance, ANNALES POLONICI MATHEMATICI, Aug-13, 29, 1597, 1606
15. Jonathan Stallings, Eric Vance, Jiansheng Yang, Michael W. Vannier, Jimin Liang, Liaojun Pang, Liang Dai, Ivan Ye, and Ge Wang, Determining Scientific Impact Using a Collaboration Index, Proceedings of the National Academy of Sciences of the United States of America 110(24):9680-9685, May 2013.
16. Kapur, D. ; Zhihai Zhang; Horbach, M. ; Hengjun Zhao; Qi Lu; Nguyen, T.V., Geometric Quantifier Elimination Heuristics for Automatically Generating Octagonal and Max-plus Invariants, Automated Reasoning and Mathematics. Essays in Memory of William W. McCune, Aug-13, 70, 224, 231
17. Kim, Sangjin; Brostroemer, Erik; Xing, Dong; Jin, Jianshi; Chong, Shasha; Ge, Hao; Wang, Siyuan; Gu, Chan; Yang, Lijiang; Gao, Yi Qin; Su, Xiao-dong; Sun, Yujie; Xie, X. Sunney, Probing Allostery Through DNA, SCIENCE, , JUL 15 2013, 245, 131, 149
18. Kim, Tae-Min; Xi, Ruibin; Luquette, Lovelace J. ; Park, Richard W. ; Johnson, Mark D. ; Park, Peter J., Functional genomic analysis of chromosomal aberrations in a compendium of 8000 cancer genomes, GENOME RESEARCH, JUL 15 2013, 245, 205, 217
19. Kuroda, Masahiro; Hashiguchi, Hiroki; Nakagawa, Shigekazu; Geng, Zhi, MCMC using Markov bases for computing  $\chi^2$ -values in decomposable log-linear models, COMPUTATIONAL STATISTICS, JUL 15 2013, 386, 190, 208
20. Li, Ren-Cang; Nakatsukasa, Yuji; Truhar, Ninoslav; Xu, Shufang, PERTURBATION OF PARTITIONED HERMITIAN DEFINITE GENERALIZED EIGENVALUE PROBLEMS (vol 32, pg 642, 2011), SIAM JOURNAL ON MATRIX ANALYSIS AND APPLICATIONS, JUL 3 2013, 38, 1208, 1234
21. Li, Tongzhu; Ma, Xiang; Wang, Changping, Mobius homogeneous hypersurfaces with two distinct principal curvatures in  $S^{n+1}$ , ARKIV FOR MATEMATIK, Jul-13, 53, 74, 85
22. Liang, Chao; Sun, Wenxiang; Tian, Xueting, Ergodic properties of invariant measures for  $C1+\alpha$  non-uniformly hyperbolic systems, ERGODIC THEORY AND DYNAMICAL SYSTEMS, Jul-13, 47, 825, 867
23. Liang, Xun and Chen, Rong-Chang and He, Yangbo and Chen, Ying, Associating stock prices with web financial information time series based on support vector regression, Neurocomputing, 115, 142-

- 147, 2013.
24. Lin Wang; Zhi Hu, New sequences of period  $pn$  and  $pn + 1$  via projective linear groups, Information Security and Cryptology. 8th International Conference, Inscrypt 2012. Revised Selected Papers, JUN 28 2013, 138
  25. Liu, Gai; Du, Gang; Lu, Tiao; Liu, Xiaoyan; Zhang, Pingwen; Zhang, Xing, Simulation Study of Quasi-Ballistic Transport in Asymmetric DG-MOSFET by Directly Solving Boltzmann Transport Equation, IEEE TRANSACTIONS ON NANOTECHNOLOGY, Jun-13, 23, 1350100 (6 pp.)
  26. Liu, Jiakun; Zhou, Bin, An obstacle problem for a class of Monge-Ampere type functionals, JOURNAL OF DIFFERENTIAL EQUATIONS, Jun-13, 108, 483, 493
  27. Liu, Lan-dong; Lu, Xin, Two kinds of condition numbers for the quadratic matrix equation, APPLIED MATHEMATICS AND COMPUTATION, Jun-13, 23
  28. Liu, Xiang-Qing; Liu, Jia-Quan; Wang, Zhi-Qiang, Quasi linear elliptic equations with critical growth via perturbation method, JOURNAL OF DIFFERENTIAL EQUATIONS, Jun-13, 164, 385, 393
  29. Yaqing Liu and Juxin Liu, Fuxi Zhang, Bias analysis for misclassification in a multicategorical exposure in a logistic regression model, Statistics & Probability Letters, (2013), 83, 2621 - 2626.
  30. Liu, Xiao-Yang; Wu, Kai-Liang; Zhu, Yanmin; Kong, Linghe; Wu, Min-You, Mobility increases the surface coverage of distributed sensor networks, COMPUTER NETWORKS, Jun-13, 40, 375, 403
  31. Liu, Yi; Ni, Yi; Sun, Hongbin; Wang, Shicheng, ON SLOPE GENERA OF KNOTTED TORI IN 4-SPACE, PACIFIC JOURNAL OF MATHEMATICS, Jun-13, 274, 531, 549
  32. Lu, Hongliang; Wang, David G. L., On Cui-Kano's Characterization Problem on Graph Factors, JOURNAL OF GRAPH THEORY, Jun-13, 124, 309, 335
  33. Xin Lu, Shufang Xu and Yunfeng Cai, Partial derivatives of the eigen-triplet of the quadratic eigenvalue problem depending on several parameters, Applied Mathematics and Computation, Vol. 219, 2013, pp. 11348—11357.
  34. Lu, Ziqun; Zhang, Jiping, Extending Endo-monomial Modules, ALGEBRA COLLOQUIUM, Jun-13, 8, 479, 496
  35. Mi, Ling; Liu, Bin, Boundary behavior of large solutions to elliptic equations with nonlinear gradient terms, ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND PHYSIK, JUN 1 2013, 438, 4166, 4182
  36. Nadeem, Sohail; Ul Haq, Rizwan; Akbar, Noreen Sher; Lee, Changhoon; Khan, Zafar Hayat, Numerical Study of Boundary Layer



- Flow and Heat Transfer of Oldroyd-B Nanofluid towards a Stretching Sheet, PLOS ONE, , MAY 9 2013, 153, 919, 929
37. Paicu, Marius; Zhang, Ping; Zhang, Zhifei, Global Unique Solvability of Inhomogeneous Navier-Stokes Equations with Bounded Density, COMMUNICATIONS IN PARTIAL DIFFERENTIAL EQUATIONS, MAY 7 2013, 138
  38. Peng, Liang; Qian, Linyi; Yang, Jingping, Weighted estimation of the dependence function for an extreme-value distribution, BERNOULLI, May-13, 87, 052130 (9 pp.)
  39. Qin Liang; Jianfeng Li; Pingwen Zhang; Chen, J.Z.Y., Modified diffusion equation for the wormlike-chain statistics in curvilinear coordinates, Journal of Chemical Physics, May-13, 94, 59, 85
  40. Ren, Zhihua; Yang, Jiazhong; Yu, Fuwang, ON CONJUGATING EQUIVALENCE OF 0-RESONANT DIFFEOMORPHISMS ON R-3, INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, May-13, 56, 1033, 1040
  41. R. Gicquaud, D. Ji and Yuguang Shi: On the asymptotic behavior of Einstein manifolds with an integral bound on the Weyl curvature; Communications in analysis and geometry Volume 21, Number 5, 1 - 33, 2013
  42. Samanta, Amit; Weinan, E., Optimization-Based String Method for Finding Minimum Energy Path, COMMUNICATIONS IN COMPUTATIONAL PHYSICS, May-13, 29, 857, 866
  43. She, Zhikun; Li, Haoyang; Xue, Bai; Zheng, Zhiming; Xia, Bican, Discovering polynomial Lyapunov functions for continuous dynamical systems, JOURNAL OF SYMBOLIC COMPUTATION, May-13, 13, 517, 531
  44. Song, Guang-Ying; Baumrind, Sheldon; Zhao, Zhi-He; Ding, Yin; Bai, Yu-Xing; Wang, Lin; He, Hong; Shen, Gang; Li, Wei-Ran; Wu, Wei-Zi; Ren, Chong; Weng, Xuan-Rong; Geng, Zhi; Xu, Tian-Min, Validation of the American Board of Orthodontics Objective Grading System for assessing the treatment outcomes of Chinese patients, AMERICAN JOURNAL OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS, APR-JUN 2013, 8
  45. W. Song, K. Cai, R. Feng and C. Yuen, The Complexity of Network Coding With Two Unit-Rate Multicast Sessions, IEEE Transactions on Information Theory, Vol. 59, No. 9, Sep. 2013, pp. 5692-5707. DOI:10.1109/TIT.2013.2262492, **IDS 号**:205PE, EI: 20133516677456
  46. Stallings, Jonathan; Vance, Eric; Yang, Jiansheng; Vannier, Michael W.; Liang, Jimin; Pang, Liaojun; Dai, Liang; Ye, Ivan; Wang, Ge, Determining scientific impact using a collaboration index, PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, APR 1 2013, 34, 580, 586

47. Sun, Yongzhong; Zhang, Zhifei, Global regularity for the initial-boundary value, problem of the 2-D Boussinesq system with variable, viscosity and thermal diffusivity, JOURNAL OF DIFFERENTIAL EQUATIONS, APR 1 2013, 58, 459, 469
48. Tong, Jinying; Zhang, Zhenzhong; Bao, Jianhai, The stationary distribution of the facultative population model with a degenerate noise, STATISTICS & PROBABILITY LETTERS, APR 1 2013, 438, 3085, 3106
49. Wang Yang-guang; Liu Yi-wei; Zhang Wen-jie; Li Yung-long, Realization of algorithm for resistance to voice packet loss of adaptive transmission adjust, Computer Engineering and Design, MAR 17 2013,
50. Wang, Cong; He, Xian-Tu; Zhang, Ping, Thermophysical properties of hydrogen-helium mixtures: Re-examination of the mixing rules via quantum molecular dynamics simulations, PHYSICAL REVIEW E, Mar-13, 50, 639, 648
51. Wang, Yueqing; Jiang, Xin; Yu, Bin; Jiang, Ming, A Hierarchical Bayesian Approach for Aerosol Retrieval Using MISR Data, JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION, Feb-13, 56, 435, 441
52. J. Xu, S.H. Shao, and H.Z. Tang, Numerical methods for nonlinear Dirac equation, J. Comput. Phys., 245(2013), 131-149.
53. Xu, Xinliang; Ge, Hao; Gu, Chan; Gao, Yi Qin; Wang, Siyuan S.; Thio, Beng Joo Reginald; Hynes, James T.; Xie, X. Sunney; Cao, Jianshu, Modeling Spatial Correlation of DNA Deformation: DNA Allostery in Protein Binding, JOURNAL OF PHYSICAL CHEMISTRY B, 2013, 336, 348
54. Yan Zhu; Gail-Joon Ahn; Hongxin Hu; Di Ma; Shanbiao Wang, Role-Based Cryptosystem: A New Cryptographic RBAC System Based on Role-Key Hierarchy, IEEE Transactions on Information Forensics and Security, 2013, 281, 127, 133
55. Yan Zhu; Di Ma; Shanbiao Wang; Rongquan Feng, Efficient Identity-Based Encryption without Pairings and Key Escrow for Mobile Devices, Wireless Algorithms, Systems, and Applications. 8th International Conference, WASA 2013. Proceedings. LNCS 7992, 2013, 29, 465, 476
56. Yan, Shu; Tang, Shaoting; Pei, Sen; Jiang, Shijin; Zhang, Xiao; Ding, Wenrui; Zheng, Zhiming, The spreading of opposite opinions on online social networks with authoritative nodes, PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, Jan. 2013
57. Yan, Weiping, On weak-strong uniqueness property for full compressible magnetohydrodynamics flows, CENTRAL EUROPEAN JOURNAL OF MATHEMATICS, 2013, 271, 277
58. Yang, Hongli; Cai, Chao; Peng, Liyang; Zhao, Xiangpeng; Qiu, Zongyan; Qin, Shengchao, Algorithms for checking channel passing

- in web service choreography, FRONTIERS OF COMPUTER SCIENCE, 2013, 311, 330
59. Yang, Lixing; Luquette, Lovelace J.; Gehlenborg, Nils; Xi, Ruibin; Haseley, Psalm S.; Hsieh, Chih-Heng; Zhang, Chengsheng; Ren, Xiaojia; Protopopov, Alexei; Chin, Lynda; Kucherlapati, Raju; Lee, Charles; Park, Peter J., Diverse Mechanisms of Somatic Structural Variations in Human Cancer Genomes, CELL, 2013, 8768
  60. Yang, Yidu; Bi, Hai; Li, Sirui, The extrapolation of numerical eigenvalues by finite elements for differential operators, APPLIED NUMERICAL MATHEMATICS, 2013, 7, 318, 324
  61. Yeun, Y. L., Heteroclinic solutions for the extended Fisher-Kolmogorov equation, JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, 2013
  62. Yeun, Y. L., Heteroclinic Solutions for Nonautonomous EFK Equations, ABSTRACT AND APPLIED ANALYSIS, 2013, 282, 293
  63. Yun Jun Zhang; Zhi Geng, Detection of Target Maneuver from Bearings-Only Measurements, IEEE Transactions on Aerospace and Electronic Systems, 2013, 62, 185, 207
  64. Zhang, Lun Chuan; Guo, Mao Zheng, The Characterization of a Class of Quantum Markov Semigroups and the Associated Operator-Valued Dirichlet Forms Based on Hilbert  $W^*$ -Module, ACTA MATHEMATICA SINICA-ENGLISH SERIES, 2013, 34, 280, 281
  65. Zhang, Xiaowang; Lin, Zuoquan, An argumentation framework for description logic ontology reasoning and management, JOURNAL OF INTELLIGENT INFORMATION SYSTEMS, 2013, 189, 228
  66. Zhang, Yun Jun; Geng, Zhi, Detection of Target Maneuver from Bearings-Only Measurements, IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS, 2013, 293, 309
  67. Zhihua Ren; Jiazhong Yang; Fuwang Yu, On conjugating equivalence of 0-resonant diffeomorphisms on  $R^3$ , International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, Jan-13, 46, 183, 211
  68. Zhou, Bingyin; Zhang, Fan; Peng, Lizhong, Compact Representation for Dynamic Texture Video Coding Using Tensor Method, IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, JAN 1 2013, 254, 102, 124
  69. Zhu, Yanqiao; Li, Fuhai; Vadakkan, Teggy J.; Zhang, Mei; Landua, John; Wei, Wei; Ma, Jinwen; Dickinson, Mary E.; Rosen, Jeffrey M.; Lewis, Michael T.; Zhan, Ming; Wong, Stephen T. C., Three-dimensional vasculature reconstruction of tumour microenvironment via local clustering and classification, INTERFACE FOCUS, JAN 1 2013, 397, 285, 291

以下列表为非 SCI 论文 18 篇，按第一作者姓氏字母顺序排列

1. K. Cai, K.B. Letaief, P. Fan and R. Feng, On the solvability of single rate 2-pair networks -- A cut-based characterization, *Physical Communication*, Vol. 6, Mar 2013, pp. 124-133, EI: 20131616215141
2. Xue Cheng, Frank Riedel, Optimal stopping under ambiguity in continuous time, *Mathematics and Financial Economics: Volume 7, Issue 1 (2013)*, 29-68.
3. C. Ding, K. Feng, R. Feng, M. Xiong and A. Zhang, Unit time-phase signal sets: Bounds and constructions, *Cryptogr. Commun.* Vol. 5, No. 3, Sep. 2013, pp. 209-227. DOI 10.1007/s12095-013-0085-y
4. Hai-Feng Guo and Zongyan Qiu, Automatic Grammar-Based Test Generation. *Testing Software and Systems, Proceedings of the 25th IFIPWG 6.1 International Conference, ICTSS 2013, Istanbul, Turkey, November 13-15, 2013. LNCS 8254*, pp. 17 - 32. Springer, 2013.
5. E. Guo, X. Mo and X. Wang, On projectively flat Finsler metrics, In: *Differential Geometry*, Higher education Press, ALM 22(2012), 77-88.
6. 侯琳, 邓明华, 网络聚类算法及其生物信息学应用。数学建模及其应用. 第2卷(2), 9-14.
7. 林作铨, 刘升平, 李未, XML 语义定义语言, 计算机科学与软件研究, 科学出版社, 372-394, 2013
8. Liu, Yi; Ni, Yi; Sun, Hongbin; Wang, Shicheng On slope genera of knotted tori in 4-space. *Pacific J. Math.* 261 (2013), no. 1, 117 - 144.
9. Luis Barbosa and Sun Meng. A Coinductive Calculus for QoS-aware Generic Components Composition. In *Mathematics in Computer Science*, Vol. 6(4), December 2012, pages 475-497.
10. M. Li, X. Mo and N. Yu, Navigation problem and Randers metrics, *Recent Development in Geometry and Analysis*, Higher education Press, ALM 23(2012), 253-266.
11. Mansour, T., Shattuck, M. and Song, C. "A q-analog of a general rational sum identity." *Africa Mathematica*, 24 (2013), 297-303.
12. H.M. Lin, H.Z. Tang, and W. Cai, Accuracy and efficiency in computing electrostatic potential for an ion-channel model in layered dielectric media, accepted by *J. Comput. Phys*, 2013
13. N. Liu and H.Z. Tang, A high-order accurate gas-kinetic scheme for one- and two-dimensional flow simulation, accepted by *Commun. Comput. Phys.*, 2013.
14. 裘宗燕, 杨红丽. 万维网服务描述和业务流程定义语言, 中国计算机学会通讯, 第9卷第4期, 2013年4月
15. W. Song, K. Cai, R. Feng and P. Fan, The capacity kernel of communication networks, *Proceedings of SPIE*, Vol. 8768, Part 1, International Conference on Graphic and Image Proceeding (ICGIP

- 2012), SPIE 2013, 8768 04. IDS 号:BET62, EI: 20132916518192
16. H. Wu and R. Feng, Efficient self-pairing on ordinary elliptic curves, Proceedings of TAMC 2013, Lecture Notes in Computer Sciences 7876, Springer-Verlag, 2013, pp. 282-293.
  17. 闫凯, 李若, 田宙, 郭永辉, 曹渊, 强爆炸火球数值模拟中的算子分裂方法, 《计算物理》, 第 30 卷第 3 期, 页码: 379-386.
  18. Y. Zhu, D. Ma, S. Wang and R. Feng, Efficient identity-based encryption without pairings and key escrow for mobile devices, Lecture Notes in Computer Science 7992, Wireless Algorithms, Systems, and Applications - 8th International Conference, WASA 2013, Proceedings, 2013, pp. 42-53. EI: 20133216576543
  19. C. Zong, What is the Leech Lattice, Notices Amer Math Soc, 60 (2013), 1168-1169.

以下列表为会议论文 26 篇, 按第一作者姓氏字母顺序排列

- 1、 Hong Cheng and Pingwen Zhang, A Tensor Model for Liquid Crystals on a Spherical Surface, SCIENCE CHINA Mathematics, 56 (12), 2549-2559, 2013
- 2、 Chaosheng Fan, Yanyan Lan, Jiafeng Guoz, Zuoquan Lin, Xueqi Cheng, Collaborative Factorization for Recommender Systems, SIGIR' 13, July 28 - August 1, 2013, Dublin, Ireland, 949-953, 2013
- 3、 Chaosheng Fan, Zuoquan Lin, Collaborative Ranking with Ranking-based Neighborhood, Proceedings of International Workshop on Social Media Analytics and Recommendation Technologies SMART 2013, Sydney, Australia, April 4, 2013
- 4、 Chaosheng Fan, Zuoquan Lin, Collaborative Ranking with Ranking-Based Neighborhood, APWeb, 770-781, 2013
- 5、 Kai Jiang and Pingwen Zhang, Numerical Methods for Quasicrystals, Journal of Computational Physics, 256, 428-440, 2014
- 6、 Tiejun Li, Pingwen Zhang and Wei Zhang, Nucleation Rate Calculation for the PhaseTransition of Diblock Copolymers under Stochastic Cahn-Hilliard Dinamics, Multiscale Modeling & Simulation, 11 (1), 385-409 ,2013
- 7、 Gai Liu, Gang Du, Tiao Lu, Xiaoyan Liu, Pingwen Zhang, Xing Zhang, Simulation Study of Quasi-Ballistic Transport in Asymmetric DG-MOSFET by Directly Solving Boltzmann Transport Equation, IEEE Transactions on Nanotechnology, 12 (2), 168-173 ,2013
- 8、 Qin Liang, Jianfeng Li, Pingwen Zhang and Jeff Z.Y. Chen, Modified Diffusion Equation for the Wormlike-chain Statistics in

- Curvilinear Coordinates, *Journal of Chemical Physics*, 138 (24), 244910, 2013
- 9、 Xin Liang, Zuoquan Lin and Jan Van Den Bussche, Quantitatively Evaluating Formula-Variable Relevance by Forgetting, The 26th Canadian Conference on Artificial Intelligence, May 28-31, Regina, 271-277, 2013
  - 10、 Xin Liang, Zuoquan Lin, Measuring Formula-Variable Relevance in Four-Valued Logic by Forgetting, *KSEM 2013*, 336-348, 2013
  - 11、 Kai Jiang, Chu Wang, Yunqing Huang and Pingwen Zhang, Discovery of New Metastable Patterns in Diblock Copolymers, *Communications in Computational Physics*, 14 (2), 443-460, 2013
  - 12、 Sun Meng. Challenges on Coordination for Cyber-Physical Systems. In *Proceedings of ISCCCA'13*, pages 243-246, Atlantis Press, April, 2013.
  - 13、 W. Song, K. Cai, R. Feng and P. Fan, The capacity kernel of communication networks, *Proceedings of SPIE*, Vol. 8768, Part 1, International Conference on Graphic and Image Proceeding (ICGIP 2012), SPIE 2013, 8768 04. **IDS 号**:BET62, EI: 20132916518192
  - 14、 Han Wang, Dan Hu and Pingwen Zhang, Measuring the Spontaneous Curvature of Bilayer Membranes by Molecular Dynamics Simulations, *Communications in Computational Physics*, 13 (4), 1093-1106, 2013
  - 15、 Wei Wang, Pingwen Zhang and Zhifei Zhang, Well-Posedness of the Ericksen-Leslie System, *Archive for Rational Mechanics and Analysis*, 210 (3), 837-855, 2013
  - 16、 Shan Wang and Zhiping Li, A multiple-endpoints Chebyshev collocation method for high order differential equations, in *Recent Advances in Scientific Computing and Applications*, editors: Jichun Li, Hongtao Yang and Eric Machorro, *Contemporary Mathematics*, Volume 586, 2013, 365-373.
  - 17、 H. Wu and R. Feng, Efficient self-pairing on ordinary elliptic curves, *Proceedings of TAMC 2013*, *Lecture Notes in Computer Sciences* 7876, Springer-Verlag, 2013, pp. 282-293.
  - 18、 Weiquan Xu, Kai Jiang, Pingwen Zhang and An-Chang Shi, A Strategy to Explore Stable and Metastable Ordered Phases of Block Copolymers, *Journal of Physical Chemistry B*, 117 (17), 5296-5405, 2013
  - 19、 Dai Xu, Xiaowang Zhang, Zuoquan Lin, A Forgetting-based Approach to Merging Knowledge Bases, *CoRR* abs/1301.2137, 2013
  - 20、 Qianqian Xu, Jiechao Xiong, Qingming Huang, Yuan Yao, "Robust Evaluation for Quality of Experience in Crowdsourcing", in *Proceedings of ACM Multimedia Conference*, Barcelona, Catalunya, Spain, pp43-52, Oct. 21-25, 2013
  - 21、 Wenqi Yao; Ruo Li; Tiao Lu; Xiaoyan Liu; Gang Du; Kai Zhao, Globally hyperbolic moment method for BTE including phonon

scattering, The International Conference on Simulation of Semiconductor Processes and Devices (SISPAD 2013) 3–5 September, 2013, Glasgow, Scotland, UK. Pages: 300–303, Product Type: Conference Publications

- 22、 Y. Zhu, D. Ma, S. Wang and R. Feng, Efficient identity-based encryption without pairings and key escrow for mobile devices, Lecture Notes in Computer Science 7992, Wireless Algorithms, Systems, and Applications – 8th International Conference, WASA 2013, Proceedings, 2013, pp. 42–53. EI: 20133216576543
- 23、 Xiaowang Zhang, Guohui Xiao, Zuoquan Lin, A Paraconsistent Tableau Algorithm Based on Sign Transformation in Semantic Web, CoRR abs/1301.2146, 2013
- 24、 Wei Zhang, Zuoquan Lin, An ASP Based Approach of Inter-domain Role Mapping, MIM, 2013
- 25、 Wei Zhang, Zuoquan Lin, Representation and Reasoning on RBAC: A Nonmonotonic Approach, KSEM2013, 230–240, 2013
- 26、 Kai Zhao; Tiao Lu; Gang Du; Xiaoyan Liu; Xing Zhang, Impact of Back biasing in Ultra Short Channel UTBB SOI nMOSFETs, The International Conference on Simulation of Semiconductor Processes and Devices (SISPAD 2013) 3–5 September, 2013, Glasgow, Scotland, UK. Pages: 288–291, Product Type: Conference Publications