

## 2015 年发表论文

1) 以下列表为 SCI 收录的第一作者和通讯作者的 119 篇论文, 按第一作者姓氏字母顺序排列:

1. Burguet, David; Liao, Gang; Yang, Jiagang, *Asymptotic h-expansiveness rate of C-infinity maps*, Proceedings of The London Mathematical Society, 111, (2015) ,381-419
2. Cai, Yunfeng; Shi, Decai; Xu, Shufang, *A matrix polynomial spectral approach for general joint block diagonalization*, Siam Journal on Matrix Analysis and Applications, **36**:2, (2015) ,839-863
3. Chai, Zhao; Feng, Rong Quan; Zeng, Li Wei, *Constructions of 1 1/2-designs from Symplectic Geometry over Finite Fields*, Acta Mathematica Sinica-English Series, **31**:9, (2015) ,1367-1378
4. Chen, Feifei; Ding, Fan; Li, Youlin, *Legendrian torus knots in S-1 x S-2*, Journal of Knot Theory and Its Ramifications, **24**:12,(2015) , AR:1550064
5. Chen, Rui; Shen, Li-Ping; Wang, Dong-Hui; Wang, Fu-Gui; Zeng, Hong-Yun; Chen, Zhi-Shan; Peng, Yi-Ben; Lin, Ya-Nan; Tang, Xing; Deng, Ming-Hua; Yao, Nan; Luo, Jing-Chu; Xu, Zhi-Hong; Bai, Shu-Nong, *A Gene Expression Profiling of Early Rice Stamen Development that Reveals Inhibition of Photosynthetic Genes by OsMADS58*, Molecular Plant, **8**:7, (2015) ,1069- 1089
6. Chen, Xu; Zhu, Yanqiao; Li, Fuhai; Zheng, Ze-Yi; Chang, Eric C.; Ma, Jinwen; Wong, Stephen T. C., *Accurate segmentation of touching cells in multi-channel microscopy images with geodesic distance based clustering*, Neurocomputing,149, (2015) ,39-47
7. Chen, Xiaopeng; Roberts, Anthony J.; Duan, Jinqiao, *Centre manifolds for stochastic evolution equations*, Journal of Difference Equations and Applications,**21**:7, (2015) ,606-632
8. Chen, Ye; Lv, Cheng; Li, Fangting; Li, Tiejun, *Distinguishing the rates of gene activation from phenotypic variations*, BMC Systems Biology, 9, (2015) ,AR:29
9. Chen Zhenghong; Tang Xiaoxian; Xia Bican, *Generic regular decompositions for parametric polynomial systems*, Journal of Systems Science & Complexity, **28**: 5, (2015) ,1194-1211
10. Chen, Zhen-Qing; Ren, Yan-Xia; Song, Renming; Zhang, Rui, *Strong law of large numbers for supercritical superprocesses under second moment condition*, Frontiers of Mathematics In China, **10**: 4, (2015) ,807-838
11. Chu, Jianchun, *The complex monge-ampere equation on some compact hermitian manifolds*, Pacific Journal of Mathematics, **276**: 2, (2015) , 369-386
12. Dai, Song, *A curvature flow unifying symplectic curvature flow and pluriclosed flow*, Pacific Journal of Mathematics,**277**:2, (2015) ,287- 311

13. Dai, Liyun; Xia, Bican, *Smaller SDP for SOS decomposition*, Journal of Global Optimization, **63**: 2,(2015) ,343-361
14. Deng, Yuxing; Zhu, Xiaohua, *Complete non-compact gradient Ricci solitons with nonnegative Ricci curvature*, Mathematische Zeitschrift, 279, (2015) ,211-226
15. Fang, Fei; Ji, Chao, *On quasilinear parabolic equations in the Orlicz spaces*, Nonlinear Analysis-Real World Applications, 22, (2015) ,307-318
16. Fang, Huaying; Huang, Chengcheng; Zhao, Hongyu; Deng, Minghua, *CCLasso: correlation inference for compositional data through Lasso*, Bioinformatics, **31**:19, (2015) ,3172-3180
17. Ge Hao, *Macroscopic fluxes and local reciprocal relation in second-order stochastic processes far from equilibrium*, Journal of Statistical Mechanics: Theory and Experiment,1,(2015), P01005 (9 pp.)
18. Guan, Qi'an; Zhou, Xiangyu, *A proof of Demailly's strong openness conjecture*, Annals of Mathematics, **182**:2, (2015) ,605-616
19. Guan, Qi'an; Zhou, Xiangyu, *Effectiveness of Demailly's strong openness conjecture and related problems*, Inventiones Mathematicae, **202**:2, (2015) ,635-676
20. Guan, Qi'an; Zhou, Xiangyu, *A solution of an L-2 extension problem with an optimal estimate and applications*, Annals of Mathematics, **181**: 3, (2015) ,1139-1208
21. Guo, Zhen-chen; Cai, Yun-feng; Qian, Jiang; Xu, Shu-fang, *A modified Schur method for robust pole assignment in state feedback control*, Automatica, 52, (2015) ,334-339
22. Guo, Pei-Chang; Xu, Shu-Fang, *The modified Newton-Shamanskii method for the solution of a quadratic vector equation arising in Markovian binary trees*, Calcolo, **52**:3, (2015) ,317-325
23. Guo, Pei-Chang; Cai, Yun-Feng; Qian, Jiang; Xu, Shu-Fang, *Perturbation analysis of the extinction probability of a Markovian binary tree*, Linear Algebra and Its Applications, 475, (2015) ,11-27
24. Guo, Yu; Wang, Chao; Wang, Shicheng; Zhang, Yimu, *Embedding Periodic Maps on Surfaces into Those on S-3*, Chinese Annals of Mathematics Series B, **36**:2, (2015) ,161-180
25. Guo, Zhen-chen; Cai, Yun-feng; Qian, Jiang; Xu, Shu-fang, *A modified Schur method for robust pole assignment in state feedback control*, Automatica, 52, (2015) ,334-339
26. Guo, Quantong; Jiang, Xin; Lei, Yanjun; Li, Meng; Ma, Yifang; Zheng, Zhiming, *Two-stage effects of awareness cascade on epidemic spreading in multiplex networks*, Physical Review E,**91**:1, (2015) ,AR:2822
27. Guo, Shuai; Zhou, Jian, Gopakumar-Vafa BPS invariants, *Hilbert schemes and quasimodular forms. I*, Advances in Mathematics, 268, (2015) ,1-61
28. Han, Jingjun; Jin, Zhi; Xia, Bican, *Proving inequalities and solving global optimization problems via simplified CAD projection*, Journal of Symbolic Computation, 72, (2015) ,206-230

29. Han, Jiequn; Luo, Yi; Wang, Wei; Zhang, Pingwen; Zhang, Zhifei, *From Microscopic Theory to Macroscopic Theory: a Systematic Study on Modeling for Liquid Crystals*, Archive for Rational Mechanics and Analysis, **215**:3, (2015) ,741-809
30. Hu, Jun, *Finite element approximations of symmetric tensors on simplicial grids in  $r$ -n : the higher order case*, Journal of Computational Mathematics, **33**: 3, (2015) ,283-296
31. Hu, Jun; Huang, Yunqing; Shen, Quan, *Constructing both lower and upper bounds for the eigenvalues of elliptic operators by nonconforming finite element methods*, Numerische Mathematik, **131**: 2, (2015) ,273-302
32. Hu, Jun; Yang, Xueqin, *Lower bounds of eigenvalues of the biharmonic operators by the rectangular Morley element methods*, Numerical Methods for Partial Differential Equations, **31**: 5, (2015) ,1623-1644
33. Hu, Jun; Ma, Rui, *The Enriched Crouzeix-Raviart Elements are Equivalent to the Raviart-Thomas Elements*, Journal of Scientific Computing, **63**: 2, (2015) ,410-425
34. Hu, Jun; Zhang, Shangyou, *The minimal conforming  $h$ - $k$  finite element spaces on  $r$ - $n$  rectangular grids*, Mathematics of Computation, **84**:292, (2015) ,563-579
35. Hu, Jun, *A robust prolongation operator for non-nested finite element methods*, Computers & Mathematics with Applications, **69**: 3, (2015) ,235-246
36. Hu Jun; Zhang ShangYou, *A family of symmetric mixed finite elements for linear elasticity on tetrahedral grids*, Science China-Mathematics, **58**: 2, (2015) , 297-307
37. Hu, Jun, *A new family of efficient conforming mixed finite elements on both rectangular and cuboid meshes for linear elasticity in the symmetric formulation*, Siam Journal on Numerical Analysis, **53**:3, (2015) ,1438-1463
38. Huang, Libing; Mo, Xiaohuan, *On the flag curvature of a class of finlser metrics produced by the navigation problem*, Pacific Journal of Mathematics, **277**: 1, (2015) ,149-168
39. Huang, Libing; Liu, Huaifu; Mo, Xiaohuan, *On the construction of dually flat finlser metrics*, Osaka Journal of Mathematics, **52**: 2, (2015) ,377-391
40. Jia, Ruiling; Jiang, Meiyue, *Minimizers of anisotropic Rudin-Osher-Fatemi models*, Frontiers of Mathematics in China, **10**: 6,(2015) ,1355-1388
41. Jia, Chen; Chen, Yong, *A second perspective on the Amann-Schmiedl-Seifert criterion for non-equilibrium in a three-state system*, Journal of Physics A- Mathematical and Theoretical, **48**:20, (2015) ,AR:205001
42. Jiang, Zhichao; VanderWeele, Tyler J., *When Is the Difference Method Conservative for Assessing Mediation?*, American Journal of Epidemiology, **182**: 2, (2015) ,105-108
43. Jiang, Zhichao; VanderWeele, Tyler J., Jiang and VanderWeele ,*Respond to "Bounding Natural Direct and Indirect Effects"*, American Journal of Epidemiology, **182**: 2, (2015) ,115-117

44. Jiang, Zhichao; Ding, Peng; Geng, Zhi, *Qualitative evaluation of associations by the transitivity of the association signs*, *Statistica Sinica*, **25**: 3, (2015) ,1065-1079
45. Jiang, Zhichao; VanderWeele, Tyler J., *Causal Mediation Analysis in the Presence of a Mismeasured Outcome*, *Epidemiology*, **26**:1, (2015) , E8-E9
46. Jiang, Zhichao; VanderWeele, Tyler J., *Additive Interaction in the Presence of a Mismeasured Outcome*, *American Journal of Epidemiology*, **181**:1, (2015) ,81-82
47. Jiang, Shijin; Fang, Wenyi; Tang, Shaoting; Pei, Sen; Yan, Shu; Zheng, Zhiming, *Effects of the frequency-degree correlation on local synchronization in complex networks*, *Journal of the Korean Physical Society*, **67**: 2, (2015) ,389- 394
48. Jin, Tianling; Xiong, Jingang, *A sharp sobolev trace inequality involving the mean curvature on riemannian manifolds*, *Transactions of the American Mathematical Society*, **367**: 9,(2015) ,6751-6770
49. Jin, Tianling; Maalaoui, Ali; Martinazzi, Luca; Xiong, Jingang, *Existence and asymptotics for solutions of a non-local  $Q$ -curvature equation in dimension three*, *Calculus of Variations and Partial Differential Equations*, 52, (2015) ,469-488
50. Kimura Takashi; Liu Xiaobo, *Topological recursion relations on  $(M)$ over-bar(3,2)*, *Science China-Mathematics*, **58**: 9, (2015) ,1909-1922
51. Khan, Zafar Hayat; Pritchard, David, *Anomaly of spontaneous transition to instability of liquid-vapour front in a porous medium*, *International Journal of Heat and Mass Transfer*, 84, (2015) ,448-455
52. Li, Hao; Cai, Yunfeng, *Solving the real eigenvalues of hermitian quadratic eigenvalue problems via bisection*, *Electronic Journal of Linear Algebra*,30,(2015) ,721-743
53. Li, Sirui; Wang, Wei; Zhang, Pingwen, *local well-posedness and small deborah limit of a molecule-based  $q$ -tensor system*, *Discrete and Continuous Dynamical Systems-Series B*, **20**:8,(2015) ,2611-2655
54. Li, Qianxiao; E, Weinan, *The Free Action of Nonequilibrium Dynamics*, *Journal of Statistical Physics*, **161**: 2, (2015) ,300-325
55. Li, Chengzhi; Li, Jianquan; Ma, Zhien, *Codimension 3 b-t bifurcations in an epidemic model with a nonlinear incidence*, *Discrete and Continuous Dynamical Systems-Series B*, **20**:4, (2015) ,1107-1116
56. Li, Ruo; Lu, Tiao; Yao, Wenqi, *Discrete Kernel Preserving Model for 1D Electron-Optical Phonon Scattering*, *Journal of Scientific Computing*, **62**:2, (2015) ,317-335
57. Li, Kang; Zheng, Wei; Ai, Mingyao, *Optimal designs for the proportional interference model*, *Annals of Statistics*, **43**: 4, (2015) ,1596-1616
58. Li, Kang; Jiang, Bochuan; Ai, Mingyao, *Sliced space-filling designs with different levels of two-dimensional uniformity*, *Journal of Statistical Planning and Inference*,157, (2015) ,90-99
59. Liao, Gang; Sun, Wenxiang; Wang, Shirou, *Upper semi-continuity of entropy map for nonuniformly hyperbolic systems*, *Nonlinearity*, **28**:8, (2015) ,2977-2992

60. Liao, Jun; Zhang, Jiping, *Nilpotent fusion systems*, Journal of Algebra, 442,(2015) ,438-454
61. Lin, Wei; Feng, Rui; Li, Hongzhe, *Regularization Methods for High-Dimensional Instrumental Variables Regression With an Application to Genetical Genomics*, Journal Of The American Statistical Association, **110**: 509, (2015) ,270-288
62. Liu, Yang; Lu, Zi Qun, *Nonsolvable D-2-groups*, Acta Mathematica Sinica-English Series, **31**:11, (2015) ,1683-1702
63. Liu, Bin; Tang, Yingchao, *A Result on the Quasi-periodic Solutions of Forced Isochronous Oscillators at Resonance*, Chinese Annals of Mathematics Series B, **36**:4, (2015) ,523-542
64. Liu, Chenglin; Su, Jing; Yang, Fei; Wei, Kun; Ma, Jinwen; Zhou, Xiaobo, *Compound signature detection on LINCS L1000 big data*, Molecular Biosystems, **11**:3, (2015) ,714-722
65. Liu, Huaifu; Mo, Xiaohuan, *Examples of Finsler metrics with special curvature properties*, Mathematische Nachrichten, **288**: 13, (2015) ,1527-1537
66. Liu, Jiaquan; Liu, Xiangqing; Wang, Zhi-qiang, *Multiple mixed states of nodal solutions for nonlinear Schrodinger systems*, Calculus of Variations And Partial Differential Equations, 52, (2015) ,565-586
67. Liu, Ruochuan, *Semistable periods of finite slope families*, Algebra & Number Theory,**9**:2,(2015) ,435-458
68. Liu, Peidong; Lu, Kening, *A note on partially hyperbolic attractors: entropy conjecture and srb measures*, Discrete and Continuous Dynamical Systems, **35**:1, (2015) ,341-352
69. Lou, Yu; Han, Huiting; Tang, Chunming; Wu, Zhangqing; Xu, Maozhi, *Constructing vectorial Boolean functions with high algebraic immunity based on group decomposition*, International Journal of Computer Mathematics, **92**: 3, (2015) ,451-462
70. Lu, Xin; Xu, Shufang, *Rounding errors of partial derivatives of simple eigenvalues of the quadratic eigenvalue problem*, Journal of Computational And Applied Mathematics, 282, (2015) ,268-277
71. McRae, Robert, *Intertwining operators among modules for affine Lie algebra and lattice vertex operator algebras which respect integral forms*, Journal of Pure and Applied Algebra, **219**:10, (2015) , 4757- 4781
72. McRae, Robert, *Integral forms for tensor powers of the Virasoro vertex operator algebra  $L(1/2,0)$  and their modules*, Journal of Algebra, 431, (2015) ,1-23
73. Mei, Song; Zhang, Pingwen, *On a molecular based q-tensor model for liquid crystals with density variations*, Multiscale Modeling & Simulation,**13**:3, (2015) ,977-1000
74. Mo, Xiaohuan; Zhu, Hongmei, *Some results on strong Randers metrics*, Periodica Mathematica Hungarica,**71**:1,(2015) ,24-34
75. Mu, Kedian, *Responsibility for inconsistency*, International Journal of Approximate Reasoning, 61, (2015) ,43-60

76. Ren, Yan-Xia; Song, Renming; Zhang, Rui, *Central limit theorems for supercritical superprocesses*, Stochastic Processes and Their Applications, **125**:2, (2015) , 428-457
77. Ren, Zhihua; Xia, Li; Yang, Jiazhong, *On classification of the Poincare type maps on R-3*, Bulletin Des Sciences Mathematiques, **139**:5, (2015) ,582-598
78. Shao, Sihong; Sellier, Jean Michel, *Comparison of deterministic and stochastic methods for time-dependent Wigner simulations*, Journal of Computational Physics, 300, (2015) ,167-185
79. Shi, De-cai; Cal, Yun-feng; Xu, Shu-fang, *Some perturbation results for a normalized Non-Orthogonal Joint Diagonalization problem*, Linear Algebra and Its Applications,484,(2015) ,457- 476
80. Sriamorn, Kirati; Wetayawanich, Akanat, *On the Multiple Covering Densities of Triangles*, Discrete & Computational Geometry,**54**: 3,(2015) ,717-727
81. Su, Chunmei; Li, Zhiping, *Error analysis of a dual-parametric bi-quadratic fem in cavitation computation in elasticity*, Siam Journal on Numerical Analysis, **53**:3, (2015) ,1629-1649
82. Sugimoto, Mitsuru; Wang, Baoxiang; Zhang, Rongrong, *Local Well-Posedness for the Davey-Stewartson Equation in a Generalized Feichtinger Algebra*, Journal of Fourier Analysis and Applications, **21**: 5, (2015) ,1105-1129
83. Tang, Lin, *Weighted norm inequalities for Schrodinger type operators*, Forum Mathematicum, **27**:4, (2015) ,2491-2532
84. Tian, Gang; Wang, Bing, *On the structure of almost einstein manifolds*, Journal of the American Mathematical Society, **28**: 4, (2015) ,1169-1209
85. Tian, Gang, *Kahler-Einstein metrics on Fano manifolds*, Japanese Journal of Mathematics, **10**:1, (2015) ,1-41
86. Wang, Baoxiang, *Ill-posedness for the Navier-Stokes equations in critical Besov spaces (B) over dot(infinity,q) (-1)*, Advances in Arthematics,268, (2015) ,350-372
87. Wang, Wei; Zhang, Pingwen; Zhang, Zhifei, *The Small Deborah Number Limit of the Doi-Onsager Equation to the Ericksen-Leslie Equation*, Communications on Pure and Applied Mathematics, **68**: 8, (2015) ,1326- 1398
88. Wang, Wei, *Non-hyperbolic closed geodesics on finsler spheres*, Journal of Differential Geometry, **99**:3, (2015) ,473-496
89. Wang, Wei; Zhang, Pingwen; Zhang, Zhifei, *Rigorous derivation from landau-de gennes theory to ericksen-leslie theory*, Siam Journal on Mathematical Analysis,**47**:1, (2015) ,127-158
90. Wang, Yishu; Yang, Dejie; Deng, Minghua, *Low-Rank and Sparse Matrix Decomposition for Genetic Interaction Data*, Biomed Research International, (2015) ,AR:573956
91. Wang, Feng; Zhu, Xiaohua, *Fano Manifolds with Weak almost Kahler-Ricci Solitons*, International Mathematics Research Notices, 9, (2015) ,2437-2464
92. Wang, Lizhong; Zhang, Jiping, *Orbital characters and their applications*, Journal of Pure and Applied Algebra, **219**:1, (2015) ,121-141

93. Wen, Zai-Wen; Yin, Wo-Tao; Yuan, Xiao-Ming, *Preface*, Journal of The Operations Research Society of China, **3**:2, (2015) ,95-97
94. Wen, Guo-chun, *The Riemann-Hilbert Problem for Mixed Complex Equations of First Order with Degenerate Rank 0*, Acta Mathematicae Applicatae Sinica-English Series, **31**:1, (2015) ,31-42
95. Wen, Guochun, *A New Well-Posed Version of Riemann-Hilbert Problem for Elliptic Complex Equations of First Order in Multiply Connected Domains*, Complex Analysis and Operator Theory, **9**:1, (2015) ,21-34
96. Wu, Kailiang; Tang, Huazhong, *High-order accurate physical-constraints-preserving finite difference WENO schemes for special relativistic hydrodynamics*, Journal of Computational Physics,298, (2015) , 539-564
97. Wu ,ShengJian; Zhong, YuMin, *On cutting sequences of the L-shaped translation surface tiled by three squares*, Science China-Mathematics, **58**:6, (2015) ,1311-1326
98. Wu, Shengjian; Zhong, Yumin, *On Minkowski constants of Veech surfaces*, Journal of the London Mathematical Society-Second Series, **91**, (2015) ,1-18
99. Wu, Yijun; Zheng, Zhi; Zhou, Shulin; Yang, Jingping, *Dependence structure between LIBOR rates by copula method*, Frontiers of Mathematics in China,**10**:1, (2015) ,147-83
100. Wu, Jie; Wang, Wendong, *On backward uniqueness for the heat operator in cones*, Journal of Differential Equations, **258**:1, (2015) ,224-241
101. Xu, Jian; Shao, Sihong; Tang, Huazhong; Wei, Dongyi, *Multi-hump solitary waves of a nonlinear dirac equation*, Communications in Mathematical Sciences,**13**: 5, (2015) ,1219-1242
102. Xu, Qinwu; Hesthaven, Jan S.; Chen, Feng, *A parareal method for time-fractional differential equations*, Journal of Computational Physics, 293,(2015) ,173-183
103. Ya, Chang-long; Guo, Tian-de, *The Coverage Holes of The Largest Component of Random Geometric Graph*, Acta Mathematicae Applicatae Sinica-English Series, **31**:4,(2015) ,855-862
104. Yang, Yun, *horseshoes for  $cI+\alpha$  mappings with hyperbolic measures*, Discrete and Continuous Dynamical Systems, **35**: 10, (2015) ,5133-5152
105. Yang, Jingping; Chen, Zhijin; Wang, Fang; Wang, Ruodu, *Composite bernstein copulas*, Astin Bulletin, **45**:2, (2015) ,445-475
106. Ye, Hua; Zhang, Jing; Wang, Jun; Gao, Yanyan; Du, Yan; Li, Chun; Deng, Minghua; Guo, Jianping; Li, Zhanguo, *CD4 T-cell transcriptome analysis reveals aberrant regulation of STAT3 and Wnt signaling pathways in rheumatoid arthritis: evidence from a case-control study*, Arthritis Research & Therapy,17,(2015) ,AR:76
107. Zhang Fuxi, *Asymptotic behavior of a tagged particle in the exclusion process on parallel lattices*, Science China-Mathematics, **58**:10, (2015) ,2069-2080
108. Zhang, Fuxi; Zhang, Wei, *On the equilibrium state of the one-dimensional near-symmetric simple exclusion process*, Statistics & Probability Letters, 98, (2015) ,20-28

109. Zhang, Dong, *On hyperstability of generalised linear functional equations in several variables*, Bulletin of The Australian Mathematical Society, **92**: 2, (2015) ,259-267
110. Zhang, Xiao, *A note on partial spread generalized bent function*, Ars Combinatoria, 122, (2015) ,269-274
111. Zhang, YunJun; Ouyang Qi; Geng Zhi, *Topological origin of global attractors in gene regulatory networks*, Science China-Physics Mechanics & Astronomy, **58**: 2, (2015) ,AR:28701
112. Zhao, Zhenhua; Yang, Jiansheng; Jiang, Ming, *A fast algorithm for high order total variation minimization based interior tomography*, Journal of X-Ray Science And Technology, **23**:3, (2015) ,349-364
113. Zheng, Hui; Wu, Jinbiao, *Convergence analysis on multigrid methods for elliptic problems with large jumps in coefficients*, Ima Journal of Numerical Analysis, **35**: 4, (2015), 1888-1912
114. Zheng, Wenli; Ren, Zhijie; Zhou, Yifan; Ma, Jinwen, *BYY harmony learning of log-normal mixtures with automated model selection*, Neurocomputing, 151, (2015) ,1015-1026
115. Zhou, Jian, *Rationality for subgroups of  $S_6$* , Communications in Algebra, **43**:7, (2015) ,2724-2738
116. Zhou, Jiang; Wu, Lan, *Occupation times of refracted double exponential jump diffusion processes*, Statistics & Probability Letters, **106**, (2015) ,218-227
117. Zhou, Jiang; Wu, Lan, *Valuing equity-linked death benefits with a threshold expense strategy*, Insurance Mathematics & Economics, **62**, (2015) ,79-90
118. Zhou, Jiang; Wu, Lan, *The time of deducting fees for variable annuities under the state-dependent fee structure*, Insurance Mathematics & Economics, **61**, (2015) ,125-134
119. Zou, Chenchen; Fang Xiangzhong; Zhai Guanghe, *Ovarian cancer screening based on mixture change-point model*, Journal of Systems Science & Complexity, **28**: 2, (2015) ,471-488

2) 以下列表为 SCI 收录的非第一作者和通讯作者的 79 篇论文，按第一作者姓氏字母顺序排列

1. Agarwal, Animesh; Zhu, Jinglong; Hartmann, Carsten; Wang, Han; Delle Site, Luigi, *Molecular dynamics in a grand ensemble: Bergmann-Lebowitz model and adaptive resolution simulation*, New Journal of Physics, **17**, (2015) ,AR:83042
2. A Gasull,.; Li Chengzhi; J Torregrosa, *Limit cycles for 3-monomial differential equations*, Journal of Mathematical Analysis and Applications, **428**:2, (2015), 735-749
3. Boileau, Michel; Ni, Yi; Wang, Shicheng, *Pseudo-Anosov extensions and degree one maps between hyperbolic surface bundles* (vol 256, pg 913, 2007), Mathematische Zeitschrift, **279**, (2015) ,1225-1226



4. Bonatti, Christian; Gan, Shaobo; Yang, Dawei, *Dominated chain recurrent class with singularities*, Annali Della Scuola Normale Superiore Di Pisa-Classe Di Scienze, **14**:1, (2015) ,83-99
5. Cai, Zhenning; Fan, Yuwei; Li, Ruo, *A Framework on moment model reduction for kinetic equation*, Siam Journal on Applied Mathematics, **75**:5, (2015) ,2001-2023
6. Carstensen, Carsten; Hu, Jun, *An Optimal Adaptive Finite Element Method for an Obstacle Problem*, Computational Methods in Applied Mathematics, **15**: 3, (2015) ,259-277
7. Chang, Liang; Cheng, Meng; Cui, Shawn X.; Hu, Yuting; Jin, Wei; Movassagh, Ramis; Naaijkens, Pieter; Wang, Zhenghan; Young, Amanda, *On enriching the Levin-Wen model with symmetry*, Journal of Physics A-Mathematical and Theoretical, **48**: 12, (2015) ,AR:12FT01
8. Chen, Feng; Xu, Qinwu; Hesthaven, Jan S., *A multi-domain spectral method for time-fractional differential equations*, Journal of Computational Physics, 293, (2015) ,157-172
9. Chen, Hongxing; Xi, Changchang, *Recollements induced from tilting modules over tame hereditary algebras*, Forum Mathematicum, **27**: 3, (2015) ,1849-1901
10. Chen, Long; Wang, Ming; Zhong, Lin, *Convergence Analysis of Triangular MAC Schemes for Two Dimensional Stokes Equations*, Journal of Scientific Computing, **63**:3, (2015) ,716-744
11. Cho, Yonggeun; Guo, Zihua; Lee, Sanghyuk, *A Sobolev estimate for the adjoint restriction operator*, Mathematische Annalen, 362, (2015) ,799- 815
12. Choe, Hi Jun; Zhou, Shulin, *Hydrodynamic limit of a binary mixture of rigid spheres*, Differential And Integral Equations, 28, (2015) ,631- 654
13. De Los Angeles, Alejandro; Ferrari, Francesco; Xi, Ruibin; Fujiwara, Yuko; Benvenisty, Nissim; Deng, Hongkui; Hochedlinger, Konrad; Jaenisch, Rudolf; Lee, Soohyun; Leitch, Harry G.; Lensch, M. William; Lujan, Ernesto; Pei, Duanqing; Rossant, Janet; Wernig, Marius; Park, Peter J.; Daley, George Q., *Hallmarks of pluripotency*, Nature, 525: 7570, (2015) , 469-478
14. Di, Yana; Kou, Zhenzhong; Li, Ruo, *High order moment closure for Vlasov-Maxwell equations*, Frontiers of Mathematics in China, **10**: 5, (2015) , 1087-1100
15. Dong, Qian; Liu, Xin; Wen, Zai-Wen; Yuan, Ya-Xiang, *A Parallel Line Search Subspace Correction Method for Composite Convex Optimization*, Journal of the Operations Research Society of China, **3**: 2, (2015) , 163-187
16. Dong, Guangfeng; Liu, Changjian; Yang, Jiazhong, *The Complexity of Generalized Center Problem*, Qualitative Theory of Dynamical Systems, **14**:1, (2015) ,11-23
17. Doug, Guangfeng; Yang, Jiazhong, *On the saddle order of polynomial differential systems at a resonant singular point*, Journal of Mathematical Analysis and Applications, **423**: 2, (2015) ,1557-1569

18. Dong, Yongsheng; Tao, Dacheng; Li, Xuelong; Ma, Jinwen; Pu, Jiexin, *Texture Classification and Retrieval Using Shearlets and Linear Regression*, IEEE Transactions on Cybernetics, **45**: 3, (2015) ,358-369
19. Dong, Hongjie; Xiong, Jingang, *Boundary Gradient Estimates for Parabolic and Elliptic Systems from Linear Laminates*, International Mathematics Research Notices,17, (2015) ,7734-7756
20. Dong, Jianfeng; Huang, Jizheng; Liu, Heping, *Boundedness of Singular Integrals on Hardy Type Spaces Associated with Schrodinger Operators*, Journal of Function Spaces, (2015) ,AR:409215
21. Fei, Mingwen; Wang, Wei; Zhang, Pingwen; Zhang, Zhifei, *Dynamics of the nematic-isotropic sharp interface for the liquid crystal*, Siam Journal on Applied Mathematics,**75**:4, (2015) ,1700-1724
22. Fu, Z.; Liu, B.; Mi, L., *Blow-up rate of the unique solution for a class of one-dimensional equations with a weakly superlinear nonlinearity*, Acta Mathematica Hungarica,**145**:2, (2015) ,309-319
23. Fu, Jian; Hu, Xinhua; Velroyen, Astrid; Bech, Martin; Jiang, Ming; Pfeiffer, Franz, *3D Algebraic Iterative Reconstruction for Cone-Beam X-Ray Differential Phase-Contrast Computed Tomography*, Plos One,**10**: 3, (2015) ,AR: e0117502
24. Gerard-Varet, David; Hillairet, Matthieu; Wang, Chao, *The influence of boundary conditions on the contact problem in a 3D Navier-Stokes flow*, Journal De Mathematiques Pures Et Appliquees, **103**:1, (2015) ,1- 38
25. Gu, Jing; Li, Lu; Xu, Zeshui; Fujita, Hamido, *Construction of a technology adoption decision-making model and its extension to understanding herd behavior*, Knowledge-Based Systems,89,(2015) ,471- 486
26. Gu, Mengyang; Tan, Zhiyi; Xia, Binzhou; Yan, Yujie, *A new approach for bicriteria partitioning problem*, Optimization Letters, **9**:5, (2015) ,1025-1037
27. Guo, Quantong; Jiang, Xin; Lei, Yanjun; Li, Meng; Ma, Yifang; Zheng, Zhiming, *Two-stage effects of awareness cascade on epidemic spreading in multiplex networks*, Physical Review E,**91**:1, (2015) ,AR:2822
28. Han, Guodong; Li, Yingqi; Jiang, Ming, *How slow is Shannon's reconstruction for bandlimited signals?*, Signal Processing,111, (2015) ,26-30
29. Han, Qing; Liu, Yannan, *Degenerate hyperbolic equations with lower degree degeneracy*, Proceedings of The American Mathematical Society, **143**:2, (2015) ,567:580
30. Hong, Hoon; Tang, Xiaoxian; Xia, Bican, *Special algorithm for stability analysis of multistable biological regulatory systems*, Journal of Symbolic Computation,70, (2015) ,112-135
31. Hong, Tian; Fung, Ernest S.; Zhang, Lei; Huynh, Grace; Monuki, Edwin S.; Nie, Qing, *Semi-adaptive response and noise attenuation in bone morphogenetic protein signalling*, Journal of the Royal Society Interface, **12**:107,(2015) ,UNSP 20150258
32. Huo, Shengjin; Wu, Shengjian, *The Failure of analyticity of hausdorff dimensions of quasi-circles of fuchsian groups of the second kind*, Proceedings of The American Mathematical Society, **143**:3, (2015) ,1101-1108

33. Huang, Libing, Mo, Xiaohuan, *On Finsler surfaces of constant curvature with two-dimensional isometry group*, International Journal Of Mathematics, **26**: 7 (2015), AR:1550046
34. Jiang, Kai; Tong, Jiajun; Zhang, Pingwen; Shi, An-Chang, *Stability of two-dimensional soft quasicrystals in systems with two length scales*, Physical Review E, **92**: 4, (2015) ,AR: 42159
35. Jiang, Kai; Xu, Weiquan; Zhang, Pingwen, *Analytic Structure of the SCFT Energy Functional of Multicomponent Block Copolymers*, Communications in Computational Physics, **17**:5, (2015) ,1360-1387
36. Jiang, Xin; Li, Meng; Zheng, Zhiming; Ma, Yifang; Ma, Lili, *Effect of externality in multiplex networks on one-layer synchronization*, Journal of the Korean Physical Society, **66**: 11, (2015) ,1777-1782
37. Jin, Tianling; Maalaoui, Ali; Martinazzi, Luca; Xiong, Jingang, *Existence and asymptotics for solutions of a non-local Q-curvature equation in dimension three*, Calculus of Variations and Partial Differential Equations, **52**, (2015) ,469-488
38. Kang, Yu; Gu, Chaohao; Yuan, Lina; Wang, Yue; Zhu, Yanmin; Li, Xinna; Luo, Qibin; Xiao, Jingfa; Jiang, Daquan; Qian, Minping; Khan, Aftab Ahmed; Chen, Fei; Zhang, Zhang; Yu, Jun, *Flexibility and Symmetry of Prokaryotic Genome Rearrangement Reveal Lineage-Associated Core-Gene-Defined Genome Organizational Frameworks* (vol 5, e01867, 2014), Mbio, **6**:1, (2015) ,AR: e02395-14
39. Kang, Ming-chang; Wang, Baoshan; Zhou, Jian, *Invariants of wreath products and subgroups of S-6*, Kyoto Journal of Mathematics, **55**: 2, (2015) ,257-279
40. Kan, Min; Wang, Bo; Lee, Young Hee; Sun, Qiang, *A density functional theory study of the tunable structure, magnetism and metal-insulator phase transition in VS2 monolayers induced by in-plane biaxial strain*, Nano Research, **8**:4, (2015) ,1348-1356
41. Khan, W. A.; Khan, Z. H.; Haq, R. U., *Flow and heat transfer of ferrofluids over a flat plate with uniform heat flux*, European Physical Journal Plus, **130**: 4, (2015),AR:86
42. Khan, Z. H.; Culham, J. R.; Khan, W. A.; Pop, I., *Triple convective-diffusion boundary layer along a vertical flat plate in a porous medium saturated by a water-based nanofluid*, International Journal of Thermal Sciences, **90**, (2015) ,53-61
43. Lei, Qiang; Yu, Haijiang; Wu, Junde, *A New Generalized Schur-Weyl Duality*, International Journal of Theoretical Physics, **54**:11,(2015) , 4034-4040
44. Liu, Yanjun; Song, Xueling; Zhang, Jiping, *Nonsolvable groups satisfying the prime-power hypothesis*, Journal of Algebra, **442**, (2015) ,455-483
45. Li, Weihua; Tang, Shaoting; Fang, Wenyi; Guo, Quantong; Zhang, Xiao; Zheng, Zhiming, *How multiple social networks affect user awareness: The information diffusion process in multiplex networks*, Physical Review E, **92**:4,(2015) ,AR:42810

46. Li, Qianxiao; E, Weinan, *The Free Action of Nonequilibrium Dynamics*, Journal of Statistical Physics, **161**: 2, (2015) ,300-325
47. Li, Cece; Zhang, Dong, *The Generalized Cayley Hypersurfaces and Their Geometrical Characterization*, Results in Mathematics, 68, (2015) ,25- 44
48. Li, Tongzhu; Ma, Xiang; Wang, Changping, *Wintgen ideal submanifolds with a low-dimensional integrable distribution*, Frontiers of Mathematics in China,**10**: 1, (2015) ,111-36
49. Li, Pengtao; Liu, Heping; Peng, Lizhong; Yang, Qixiang, *Pseudo-annular decomposition and approximate rate of Calderon-Zygmund operators on Heisenberg group*, International Journal of Wavelets Multiresolution and Information Processing, **13**:1, (2015) ,AR:550001
50. Liu Yue; Zhu Hao-Nan; Pei Zi-Dong; Kong Yong-Fa; Xu Jing-Jun, *Molecular dynamic simulations of surface morphology and pulsed laser deposition growth of lithium niobate thin films on silicon substrate*, Chinese Physics B, **24**:5, (2015) ,AR:56802
51. Liu, Xin; Wen, Zaiwen; Zhang, Yin, *An efficient gauss-newton algorithm for symmetric low-rank product matrix approximations*, Siam Journal on Optimization, 25, (2015) ,1571-1608
52. Liu, Xin; Wen, Zaiwen; Wang, Xiao; Ulbrich, Michael; Yuan, Yaxiang, *On the analysis of the discretized kohn-sham density functional theory*, Siam Journal on Numerical Analysis,**53**:4, (2015) ,1758-1785
53. Lu, Xin; Xu, Shu-fang, *An eigenspace method for computing derivatives of semi-simple eigenvalues and corresponding eigenvectors of quadratic eigenvalue problems*, Applied Numerical Mathematics, 94, (2015) ,201-208
54. Lv, Cheng; Li, Xiaoguang; Li, Fangting; Li, Tiejun, *Energy Landscape Reveals That the Budding Yeast Cell Cycle Is a Robust and Adaptive Multi-stage Process*, Plos Computational Biology, **11**:3, (2015) ,AR: e1004156
55. Ma, Yifang; Zheng, Zhiming, *Extracting principal parameters of complex networks*, International Journal of Modern Physics C, **26**: 9, (2015) ,AR: 1550103
56. Ma, Yifang; Jiang, Xin; Li, Meng; Zheng, Zhiming, *Trapping on deterministic multiplex networks*, Acta Physica Polonica B, **46**:4, (2015) ,789-800
57. Meng, Xiangyi; Zhang, Jian-Wei; Xu, Jingjing; Guo, Hong, *Quantum spatial-periodic harmonic model for daily price-limited stock markets*, Physica A-Statistical Mechanics and its Applications,438, (2015) ,154-160
58. Mi, Ling; Liu, Bin, *Second order expansion for the solution to a singular Dirichlet problem*, Applied Mathematics and Computation,270, (2015) ,401-412
59. Qiu, Ruifeng; Zou, Yanqing; Guo, Qilong, *The heegaard distances cover all nonnegative integers*, Pacific Journal of Mathematics, **275**: 1, (2015) ,231-255
60. Ren, Weiqing; Trinh, Philippe H.; Weinan, E., *On the distinguished limits of the Navier slip model of the moving contact line problem*, Journal of Fluid Mechanics, 772, (2015) ,107-126

61. Shao, Haiyu; Xu, Shaonan; Zhang, Jun; Zheng, Jiayin; Chen, Jinping; Huang, Yazeng; Ru, Bin; Jin, Yongming; Zhang, Qi; Ying, Qifeng, *Association Between Duration of Playing Video Games and Bone Mineral Density in Chinese Adolescents*, Journal of Clinical Densitometry, **18**: 2, (2015) ,198-202
62. Tang ChunMing; Xu MaoZhi; Qi YanFeng, *Cryptography on twisted Edwards curves over local fields*, Science China-Information Sciences, **58**:1, (2015) ,AR:12109
63. Ul Haq, Rizwan; Nadeem, Sohail; Khan, Z. H.; Noor, N. F. M., *Convective heat transfer in MHD slip flow over a stretching surface in the presence of carbon nanotubes*, Physica B-Condensed Matter, 457, (2015) ,40-47
64. Ulbrich, Michael; Wen, Zaiwen; Yang, Chao; Klockner, Dennis; Lu, Zhaosong, *A proximal gradient method for ensemble density functional theory*, Siam Journal on Scientific Computing, **37**:4, (2015) ,A1975-A2002
65. Wang, Xueli; Zhou, Xiao-Hua, *Some Results About Standardization for a Non Confounder in Estimators of (log) Relative Risk*, Communications In Statistics-Theory and Methods, **44**:7, (2015) ,1497-1507
66. Wang, Jianchun; Li, Qianxiao; E, Weinan, *Study of the instability of the Poiseuille flow using a thermodynamic formalism*, Proceedings of The National Academy of Sciences of the United States of America, **112**: 31, (2015) ,9518-9523
67. Wang, Jiang; Zhao, Xiaolin; Qi, Jun; Yang, Caihong; Cheng, Hao; Ren, Ye; Huang, Lei, *Eight proteins play critical roles in RCC with bone metastasis via mitochondrial dysfunction*, Clinical & Experimental Metastasis,**32**: 6, (2015) ,605-622
68. Wang, Xianlong; Qin, Li; Zhang, Hexin; Zhang, Yuzheng; Hsu, Li; Wang, Pei, *A Regularized Multivariate Regression Approach for eQTL Analysis*, Statistics in Biosciences, **7**:1, (2015) ,129-146
69. Wei, Qingda; Chen, Xian, *Constrained stochastic games with the average payoff criteria*, Operations Research Letters, **43**:1, (2015) , 83-88
70. Yu, Hengyong; Wang, Ge; Yang, Jiansheng; Pack, Jed D.; Jiang, Ming; De Man, Bruno, *Data consistency condition for truncated projections in fan-beam geometry*, Journal of X-Ray Science and Technology,**23**:5, (2015) ,627-638
71. Xu FangFang; Huang JianChao; Wen ZaiWen, *High dimensional covariance matrix estimation using multi-factor models from incomplete information*, Science China-Mathematics, **58**:4, (2015) ,829-844
72. Xu, Wenqin; Du, Shaofei; Kwak, Jin Ho; Xu, Mingyao, *2-Arc-transitive metacyclic covers of complete graphs*, Journal of Combinatorial Theory Series B, 111,(2015) ,54-74
73. Yu, Hengyong; Wang, Ge; Yang, Jiansheng; Pack, Jed D.; Jiang, Ming; De Man, Bruno, *Data consistency condition for truncated projections in fan-beam geometry*, Journal of X-Ray Science and Technology,**23**:5, (2015) ,627-638
74. Zhang, Chao; Zhou, Shulin; Ge, Bin, *Gradient estimates for the  $p(x)$ -Laplacian equation in  $R-N$* , Annales Polonici Mathematici, **114**: 1, (2015) ,45-65

75. Zhang, Jun; Jin, Yongming; Xu, Shaonan; Zheng, Jiayin; Zhang, Qi; Chen, Jinping; Huang, Yazeng; Shao, Haiyu; Yang, Di; Ying, Qifeng, *Associations of Fat Mass and Fat Distribution With Bone Mineral Density in Chinese Obese Population*, *Journal of Clinical Densitometry*, **18**:1, (2015) ,44-49
76. Zhang, Yihui; Tang, Shaoting; Pei, Sen; Yan, Shu; Jiang, Shijin; Zheng, Zhiming, *Health behavior spreading with similar diminishing returns effect*, *Physica A-Statistical Mechanics and its Applications*, 425, (2015) ,18-26
77. Zhao, Guo-qing; Liang, Wei; He, Shu-yuan, *Empirical Entropy for Right Censored Data*, *Acta Mathematicae Applicatae Sinica-English Series*, **31**:2, (2015) ,395-404
78. Zhao, Qiang; Luo, Panpan; Xi, Qing, *Local Structure Recovery of Chain Graphs after Marginalization*, *Discrete Dynamics in Nature And Arciety*, (2015) ,AR:982495
79. Zheng Yanting; Cui Wei; Yang Jingping, *Optimal reinsurance under distortion risk measures and expected value premium principle for reinsurer*, *Journal of Systems Science & Complexity*, **28**:1, (2015) ,122-143

3) 以下列表为会议论文 13 篇，按第一作者姓氏字母顺序排列

1. Chen Chen, Lin Zuoquan, *Restricted four value logic for default reasoning*, *Ksem-2015,Lnai,9403,(2015),40-52*
2. Chen Ziyi, Ma Jinwen, *The Hard-Cut EM Algorithm for Mixture of Sparse Gaussian Processes*, *Lecture Notes on Computer Science*, 9227,8,(2015),13-24
3. Hu Tingting, Wang Shuling, Qiu Zongyan, *Verifying Interaction between Methods in Classes*, *TASE (2015),119-126*
4. Gan Ting, Chen Mingshuai, Dai Liyun, Xia Bican, Zhan Naijun, *Decidability of the Reachability for a Family of Linear Vector Fields*, *Lecture Notes in Computer Science 9364,(2015),482—499*
5. Li Shaodong, Chen Xiaohong, Wang Yiwu, Sun Meng, *A Framework for off-Line Conformance Testing of Timed Connectors*, *Proceedings of TASE (2015),15-22*
6. Liu Haiyang, Qiu Zongyan, *Go Model and Object Oriented Programming*, *Lecture Notes in Computer Science*, 9325,9,(2015),1-16
7. Wu Di, Chen Ziyi, Ma Jinwen, *An MCMC Based EM Algorithm for Mixtures of Gaussian Processes*, *Lecture Notes on Computer Science*, 9377,10,(2015),327-334
8. Mohammad Farhad Bulbul, Jiang Yunsheng, Ma Jinwen, *Real-Time Human Action Recognition Using DMMs-Based LBP and EOH Features*, *Lecture Notes on Computer Science*, 9225,8,(2015),271-282
9. Shen Falong, Zhang Jiyuan, Gan Rui, Wang Jingdong, Zeng Gang, *Layered Contextual Model For Face Alignment With Group Sparse Feature*, *In Proceedings of Asian Conference on Pattern Recognition,2015*
10. Zhang Jiyuan, Gan Rui, Zeng Gang, Shen Falong, Zha Hongbin, *Trajectory-based Stereo Visual Odometry with Statistical Outlier Rejection*, *In Proceedings of Asian Conference on Pattern Recognition,2015*

11. 张猛, 蒋瑶, 徐茂智, *A simple method for decomposition in the jacobian of special hyperelliptic curves over small extension fields*, ChinaCrypt2015
12. Zhao Longbo, Chen Ziyi, Ma Jinwen, *An Effective Model Selection Criterion for Mixtures of Gaussian Processes*, Lecture Notes on Computer Science, 9377,10,(2015),345-354
13. Chen Ziyi, Ma Jinwen, *The Hard-Cut EM Algorithm for Mixture of Sparse Gaussian Processes*, Lecture Notes on Computer Science, 9227,8,(2015),13-24

4) 以下列表为其他论文 16 篇, 按第一作者姓氏字母顺序排列

1. 陈家鼎、李东风, *多元回归中选择自变量的一种简单方法*,应用概率统计, **31**: 1, (2015),71-88
2. 陈大岳,章复熹, *关于随机树上  $\lambda$ -随机游动速度的一个注记*,中国科学:数学 **45**: 5,(2015),471-476
3. Choe, Hi Jun; Zhou, Shulin, *Compressible Navier - Stokes limit of binary mixture of gas particles*, Analysis (Berlin), **35**:4,(2015) ,231-244
4. Dai Qiuyi, Wang Xu-jia, Zhou Bin, *The signed mean curvature measure*, Contemporary Mathematics,644,(2015),23-32
5. 樊玉伟, 李若, *基于广义 Hermite 展开的全局双曲矩方程组*, 中国科学: 数学,45, (2015) ,1635-1676
6. Fan H., T. Jarvis and Y. Ruan, *A Mathematical Theory of the Gauged Linear Sigma Model*, (2015),Arxiv:1506.02109
7. Fan H., Wen H., *A twisted dbar-Neumann problem and Toeplitz n-tuples from singularity theory*, (2015), Arxiv:1505.04422
8. 高东旭、梁岚、刘雨龙, *普通高等学校保送生发展状况调研——以北京大学数学科学学院为例*,北大青年研究,2,(2015)
9. Jia, C., Qian, M.P., Kang, Y. and Jiang,D.Q., *Modeling stochastic phenotype switching and bet-hedging in bacteria: stochastic nonlinear dynamics and critical state identification*, Quantitative Biology,**2**:3, (2014),110 - 125
10. Lv Caiping, Wang Guanxiang, Wang Yu, *A new approach for shadow elimination based on Bhattacharyya distance*, Energy Education Science and Technology Part A: Energy Science And Research, **33**:3,(2015), 1639-1656
11. LV Caiping, Wang Guanxiang, *Image Contrast Enhancement by Optimal Histogram Matching*, Journal of Computational Information Systems, **11**: 3 (2015),1163-1170
12. 孙国栋, 苏盛辉, 徐茂智, *求根问题的量子计算算法*, 北京工业大学学报, 41: 3, (2015) ,366-371
13. Wang Ruodu, Peng Liang, Yang Jingping, *CreditRisk+ Model with Dependent Risk Factors*, NAAJ, **19**: 1,(2015) ,24-40
14. Su, Shenghui; Lu, Shuwang; Xu, Maozhi, *A Public Key Cryptoscheme Using Bit-Pairs with Provable Semantical Security*, Computing and Combinatorics, 9198, (2015) ,674-486
15. 邹晨晨, 刘耿, 房祥忠, *变系数拟自回归模型下的测量误差分析*, 数理统计与管理, **34**:2,(2015),264-274

16. Zhang S.Y., Li Y., Zhao Y, *Design of Earthquake-data Processing Platformdata*, Environmental Engineering and Computer Application, **127**,(2015)