

2009年论著目录

著作与编译作

1. 刘克, 摄动马尔可夫决策与哈密尔顿圈, 中国科学技术大学出版社, 2009.
2. Luonan Chen, Rui-Sheng Wang, Xiang-Sun Zhang(章祥荪), Biomolecular Networks, Methods and Applications in Systems Biology, Published by John Wiley & Sons, Inc., Hoboken, New Jersey, 2009.
3. Jingqiao Duan, Shunlong Luo(骆顺龙), Caishi Wang, Recent Development in Stochastic Dynamics and Stochastic Analysis, World Scientific, Singapore 2009.
4. Ding-Zhu Du, Xiaodong Hu(胡晓东), Panos M. Pardalos, Combinatorial Optimization and Applications, Lecture Notes in Computer Science, 5537, Springer, 2009.
5. Xiang-Sun Zhang(章祥荪), De-Gang Liu(刘德刚), Masanori Fushimi, Xiaoqiao Tong, Optimization Research and Its Applications, Lecture Notes in Operations Research 10, Proceedings of the Third International Symposium of Optimization and Systems Biology, Zhangjiajie, China, 20-22 September, 2009. World Publishing Corporation, Beijing, 2009.
6. Luonan Chen, Xiang-Sun Zhang(章祥荪), Ling-Yun Wu(吴凌云), and Yong Wang(王勇), Optimization and Systems Biology, Lecture Notes in Operations Research 11, Proceedings of the Third International Symposium of Optimization and Systems Biology, Zhangjiajie, China, 20-22 September, 2009. World Publishing Corporation, Beijing, 2009

论文

1. Dejun Luo(罗德军), Quasi-invariance of Lebesgue measure under the homeomorphic flow generated by SDE with non-Lipschitz coefficient, Bull. Sci. math. 133, 205-228, 2009. (SCI)
2. Shizan Fang, Dejun Luo(罗德军), Transport equations and quasi-invariant flows on the Wiener space, Bull. Sci. math, 2009. (SCI)
3. Shunlong Luo(骆顺龙), Wei Sun, Separability and entanglement in tripartite states, Theoretical and Mathematical Physics, 160:1316 -1323 ,2009. (SCI)
4. Shunlong Luo(骆顺龙), Qiang Zhang, Observable correlations in two-qubit states, Journal of Statistical Physics, 136: 165-167 ,2009. (SCI)
5. Shunlong Luo(骆顺龙), Nan Li, Xuelian Cao, Relation between "no broadcasting" for noncommuting states and "no local broadcasting" for quantum correlations, Physical Review A, 79:054305 ,2009.(SCI)
6. Xuelian Cao, Shunlong Luo(骆顺龙), On the stability of generalized entropies, Journal of Physics A, 42:075205 ,2009. (SCI)
7. Shunlong Luo(骆顺龙), Nan Li, Xuelian Cao, Relative entropy between quantum ensembles, Periodica Mathematica Hungarica 59: 223-237 ,2009. (SCI)
8. Shunlong Luo(骆顺龙), On covariance and quantum Fisher information, Theory Probab. Appl. 53: 329-334 ,2009. (SCI)
9. Dong Zhao(董昭), Xieying Chao, Global solutions of stochastic 2D Navier-Stokes equations with Levy noise, Science in China Series A: Mathematics, Vol. 52, No. 7, 1-29, 2009. (SCI)
10. Dong Zhao(董昭), Xieying Chao, Ergodicity of linear SPDE driven by Levy Noise, Journal of Systems Science and Complexity, 2009. (SCI)
11. Xian-Yuan Wu, Zhao Dong(董昭), Ke Liu(刘克), Kai-Yuan Cai, On the Degree Sequence and its Critical Phenomenon of an Evolving Random Graph Process. Journal of Applied Probability, 2009. (SCI)
12. Wang Q.H.(王启华), Zhang R.Q. , Statistical Estimation in Varying Coefficient Models with Surrogate Data and Validation Sampling, Journal of Multivariate Analysis,, 100, 2389-2405, 2009. (SCI)
13. Wang Wei, Wang Jane-Ling and Wang Qihua(王启华), Proportional hazards regression with unknown link function, IMS Lecture Notes-Monograph Series. 57, 47-66, 2009.
14. Wang Qihua(王启华), Liu Wei and Liu Chunling, Probability density estimation for survival data with censoring indicators missing at random, Journal of Multivariate Analysis, 100, 835-850, 2009. (SCI)
15. Wang Qihua(王启华), Yao, Lili and Lai Peng, Estimation of the area under ROC curve with censored data, Journal of Statistical Planning and Inference, 139, 1033-1044, 2009. (SCI)
16. Wang Qihua(王启华), Statistical Estimation in Partial Linear Models with Covariates Data Missing at Random, Ann. Inst. Stat. Math. 61, 47-84, 2009. (SCI)
17. Sun Zhihua, Wang Qihua(王启华) and Dai Pengjie, Model Checking for Partially Linear Models with Missing Responses at Random, Journal of Multivariate Analysis, 100, 636-651, 2009. (SCI)
18. Sun Zhihua, Wang Qihua(王启华), Checking the adequacy of a general linear model with responses missing at random, Journal of Statistical Planning and Inference, 139, 3588-3604, 2009. (SCI)
19. Matthias R. Fengler and Wang Qihua(王启华), Least Squares Kernel Smoothing of the Implied Volatility Smile :

20. Fan Jianqing, Zhou Yong(周勇), Cai Jianwen, Chen Min(陈敏), Caining efficiency via weighted estimators for multivariate failure time data, *Science in China Series A: Mathematics*, 52(6), 1113-1138, 2009.(SCI)
21. Zhou Yong(周勇), You Jinhong, Wang Xiaojing, Strong Convergence Rates of Several Estimators in Semiparametric Varying-Coefficient Partially Linear Models, *Acta Mathematica Scientia*, 29B(5), 1113-1127, 2009.(SCI)
22. Zhou Yong(周勇), Liang Hua, Statistical inference for semiparametric varying-coefficient partially linear models with error-prone linear covariates, *The Annals of Statistics*, 37(1), 427-458, 2009.(SCI)
23. 谢尚宇, 周勇, 次贷危机中的传染机制研究和策略分析, *Management Review*, 21(2), 121, 2009
24. 罗羨华, 杨振海, 周勇, 时变弹性系数生产函数的非参数估计, *系统工程理论与实践*, 29(4), 2009. (EI)
25. Heung Wong, Shaojun Guo(郭绍俊), Min Chen(陈敏), Wai-Cheung Ip, On locally weighted estimation and hypothesis testing of varying-coefficient models with missing covariates, *Journal of Statistical Planning and Inference*, 139, 2933-2951, 2009(SCI)
26. Liuquan Sun(孙六全), Shaojun Guo(郭绍俊), Min Chen(陈敏), Marginal Regression Model with Time-Varying Coefficients for Panel Data, *Communications in Statistics-Theory and Methods*, 38(8), 1241-1261, 2009(SCI)
27. 吴振翔、魏先华、陈敏, 基于统计套利的开放式基金评级, 2009, 管理评论, Vol. 21, No. 6 3-9。
28. 张敏, 魏先华, 潘松, 宋洋, 陈敏, 银行间支付流与同业拆借利率之关系的实证研究, *金融研究*, 2009, No. 1 81-94。
29. 吴武清、陈敏、吴泰岳, 税收流失中的双委托-多代理问题, 2009, *经济管理*, 150-155.
30. Zhen Wu, Mingyu Xu(许明宇), Comparison theorems for forward backward SDE, *Statistics and Probability Letters*, 79, 426-435, 2009. (SCI)
31. Shige Peng, Mingyu Xu(许明宇), Reflected BSDE with a constraint and its applications in an incomplete market, *Bernoulli*, 2009. (SCI)
32. Yao-Zhong Hu, Jia-an Yan(严加安), Wick Calculus for Nonlinear Gaussian Functionals, *Acta Mathematicae Applicatae Sinica, English Series*, 25(3), 399-414, 2009.(SCI)
33. Song Yongsheng(宋永生), Yan Jiaan(严加安), An overview of representation theorems for static risk measures, *Science in China Series A: Mathematics*, 52(7), 1412-1422, 2009. (SCI)
34. Song Yongsheng(宋永生), Yan Jiaan(严加安), Risk measures with comonotonic subadditivity or convexity and respecting, *Insurance: Mathematics and Economics*, 45, 459-465, 2009. (SCI)
35. Yan Jiaan(严加安), Zhou Xunyu, Markowitz strategies revised, *Acta Mathematica Scientia*, 29B(4), 817-828, 2009. (SCI)
36. Z.C.Hu, Z.M.Ma(马志明), W.Sun, Some Remarks on Representations of Non-symmetric Dirichlet Forms, *Potential Theory and Stochastics in Albac, Theta*, 2009
37. Z.C.Hu, Z.M.Ma(马志明), W.Sun, On Representations of Non-Symmetric Dirichlet Forms, *Potential Analysis*, 2009
38. G.L.Lan, Z.M.Ma(马志明), S.Y.Sun, On the Basic Reproduction Number of General Branching Processes, *Acta Mathematica Scientia*, 29B(4), 1081-1094, 2009.
39. Sun, L.(孙六全), Zhu, L., Sun, J., Regression analysis of multivariate recurrent event data with time-varying covariate effects, *J. Multivariate Anal.*, 100 (10), 2214-2223, 2009. (SCI)
40. Tong, X., He, X., Sun, L. (孙六全), Sun, J., Variable selection for panel count data via nonconcave penalized estimating function, *Scand. J. Statist.*, 36(4), 620-635, 2009. (SCI)
41. Sun, L. (孙六全), Zhang, Z., A class of transformed mean residual life models with censored survival data. *J. Amer. Statist. Assoc.*, 104(486), 803-815, 2009.(SCI)
42. Dai, J., Sun, L. (孙六全), Yang, Z., A general additive-multiplicative rates models for recurrent event data, *Sci. China Ser. A*, 52(10), 2257-2265, 2009. (SCI)
43. Sun, L. (孙六全), Tong, X., Analyzing longitudinal data with informative observation times under biased sampling, *Statist. Probab. Lett.*, 79(9), 1162-1168, 2009.(SCI)
44. Sun, L. (孙六全), Mu, X., Sun, Z., Tong, X., Semiparametric analysis of longitudinal data with informative observation times. *Acta Math. Appl. Sin. Engl. Ser.*, In press. (SCI)
45. 孙六全编写了“10000个科学难题”中两个统计难题, 并于2009年出版。
46. 程兵, 风险分配与预算管理, *应用数学学报*, 32(1), 1-13, 2009. (SCI)
47. 程兵, 均值一方差期望效用函数下的风险共担, *系统科学与数学*, 29(1), 136-144, 2009. (SCI)
48. 程兵, 实物期权和资产价格, *系统工程理论与实践*, 29(4), 50-57, 2009. (EI)
49. Xujin Chen(陈旭瑾), Jie Hu, Xiaodong Hu(胡晓东), A polynomial solvable minimum risk spanning tree problem with interval data, *European Journal of Operational Research*, 198, 43-46, 2009. (SCI)
50. Xujin Chen(陈旭瑾), Jie Hu, Xiaodong Hu(胡晓东), A new model for path planning with interval data, *Computers & Operations Research*, 36, 1893-1899, 2009. (SCI)
51. Xujin Chen(陈旭瑾), Xiaodong Hu(胡晓东), Jianming Zhu, Data gathering schedule for minimal aggregation time in wireless sensor networks, *International Journal of Distributed Sensor Networks*, 5, 321-337, 2009. (SCI)
52. Min Xu, Krishnaiyan Thulasiraman, Xiaodong Hu(胡晓东), Conditional diagnosability of matching composition networks under the PMC model, *IEEE Transactions on Circuits and Systems II*, 56(11), 875-879, 2009. (SCI)
53. Xujin Chen(陈旭瑾), Bo Chen, Approximation Algorithms for Soft-Capacitated Facility Location in Capacitated Network Design, *Algorithmica*, 53, 263-297, 2009. (SCI)

54. Xujin Chen(陈旭瑾), Bo Chen, Cost-Effective Designs of Fault-Tolerant Access Networks in Communication Systems, Networks, 53(4), 382-391, 2009. (SCI)
55. Xujin Chen(陈旭瑾), Guoli Ding, Wenan Zang, The box-TDI system associated with 2-edge connected spanning subgraphs, Discrete Applied Mathematics, 157, 118-125, 2009. (SCI)
56. Qianshun Chang(常谦顺), Tong Yang, A Lattice Boltzmann Method for Image Denoising, IEEE TRANSCATIONS ON IMAGE PROCESSING, 18(12), 2797, 2009. (SCI)
57. Qianshun Chang(常谦顺), Xuecheng Tai, Lily Xing, A Compound Algorithm of Denosing Using Second-Order and Fourth-Order Partial Differential Equations, Numer. Math. Theor. Meth. Appl., 2(4), 353-376, 2009.
58. G. Hu, X. Liu, B. Zhang(张波), Unique determination of a perfectly conducting ball by one electric far field data, J. Math. Anal. Appl., 352, 861-871, 2009. (SCI)
59. M. Fan, H. Qiao, B. Zhang(张波), Intrinsic dimension estimation of manifolds by incising balls, Pattern Recognition, 42, 780-787, 2009. (SCI)
60. X. Liu, B. Zhang(张波), A uniqueness result for the inverse electromagnetic scattering problem in a piecewise homogenous medium, Applicable Analysis, 88, 1339-1355, 2009. (SCI)
61. G. Hu, F. Qu, B. Zhang(张波), Direct and inverse problems for electromagnetic scattering by a doubly periodic structure with a partially coated dielectric, Accepted by Mathematical Methods in the Applied Sciences, 2009. (SCI)
62. X. Liu, B. Zhang(张波), G. Hu, Uniqueness in the inverse scattering problem in a piecewise homogenous medium, Accepted by Inverse Problems, 2009. (SCI)
63. H. Qiao, P. Zhang, B. Zhang(张波), S. Zheng, Learning an intrinsic variable preserving manifold for dynamic visual tracking, Accepted by IEEE Transactions on Systems, Man & Cybernetics, Part B, 2009. (SCI)
64. H. Qiao, P. Zhang, B. Zhang(张波), S. Zheng, Tracking feature extraction based on manifold learning framework, accepted by J Experimental Theoretical Artificial Intelligence, 2009. (SCI)
65. Daomin Cao(曹道民), Shuangjie Peng, Shusen Yan, Asymptotic behavior of ground state solutions for the Henon equation, IMA Journal of Applied Mathematics, 74(3), 468-480, 2009.(SCI)
66. Daomin Cao(曹道民), Shuangjie Peng, Semi-classical bound states for Schrodinger equations with potentials vanishing or unbounded at infinity, Communications in Partial Differential Equations, 34(12), 1566-1591, 2009. (SCI)
67. Feimin Huang(黄飞敏), Tianhong Li, Huimin Yu, Weak solution to isothermal hydrodynamic model for semiconductor devices. J. Diff. Equa., 247, 3070-3099, 2009. (SCI)
68. Feimin Huang(黄飞敏), Two problems of Hermite elliptic equations, Acta Mathematica Scientia, 29B(2), 409-414, 2009. (SCI)
69. Feimin Huang(黄飞敏), Akitaka Matsumura, Stability of a Composite Wave of Two Viscous ShockWaves for the Full Compressible Navier-Stokes Equations. Comm. Math. Phys., 289, 841-861, 2009. (SCI)
70. Feimin Huang(黄飞敏), Yeping Li, Large time behavior and quasineutral limit of solutions to a bipolar hydrodynamic model with large data and vacuum. Discrete Contin. Dyn. Syst., 24(2), 455-470, 2009. (SCI)
71. Feimin Huang(黄飞敏) and Xiaohong Qin, Stability of boundary layer and rarefaction wave to an outflow problem for compressible Navier-Stokes equations under large perturbation. J. Diff. Equa., 246(10), 4077-4096, 2009. (SCI)
72. Jinmyong Ri and Feimin Huang(黄飞敏), Vacuum solution and quasineutral limit of semiconductor drift-diffusion equation. J. Diff. Equa., 246(4), 1523-1538, 2009. (SCI)
73. Wen-Jing Chang, Xiang-mao Ding(丁祥茂), The elliptic quantum algebra and its vertex operators, J. Phys. A: Math. Theor. 42, 425202, 2009. (SCI)
74. I.Averbakh, Y.B.Zhao(赵云彬), Relaxed robust second order cone programming, Applied Mathematics and Computation, 210(2), 387-397, 2009. (SCI)
75. I.Averbakh, S. Fang, Y.B.Zhao(赵云彬), Robust univariate cubic L2 splines: Interpolating data with uncertain positions of measurements, Journal of Industrial Management and Optimization, 5(2), 351-361, 2009. (SCI)
76. 闫桂英, Simple Probabilistic Algorithm for Detecting Community Structure in Social Networks, Phys. Rev. E 79, 036111, 2009. (SCI)
77. 闫桂英, A Linear Projection Approach for resolving community structure, Optimization and Systems Biology, Lecture Notes in Operations Research, 2009. (SCI)
78. 闫桂英, Modularized random walk with restart for disease genes prioritization, Optimization and Systems Biology, Lecture Notes in Operations Research, 2009. (SCI)
79. 闫桂英, On potentially Kr+1 - U-graphical Sequences, UTILITAS MATHEMATICA, 80, 233- 244, 2009. (SCI)
80. 闫桂英, Graphs Isomorphic to Their Maximum Matching Graphs, Acta Mathematica Sinica, English Series, 25 (9), 1507-1516, 2009. (SCI)
81. Rui-Sheng Wang, Guangxu Jin, Xiang-Sun Zhang(章祥荪), Luonan Chen, Modeling post-transcriptional regulation activity of small non-coding RNAs in Escherichia coli, BMC Bioinformatioics, 1-13, 2009.(SCI)
82. Shihua Zhang(张世华), Hong-Wei Liu, Xue-Mei Ning, Xiang-Sun Zhang(章祥荪), A hybrid graph-theoretic method for mining overlapping functional modules in large sparse protein interaction networks, Int. J. Data Mining and Bioinformatics, 3(1), 68-84, 2009. (SCI)
83. Zhen-ping Li, Shi-hua Zhang(张世华), Xiang-Sun Zhang(章祥荪), Luo-nan Chen, Exploring the Constrained Maximum Edge-weight Connected Graph Problem, Acta Mathematicae Applicatae Sinica, English Series, 25(4), 697-708, 2009. (SCI)

84. Tingting Gao, Zhixia Yang, Yong Wang(王勇), Ling Jing, Identifying translation initiation sites in prokaryotes using support vector machine, *Journal of Theoretical Biology*, 2009. (SCI)
85. Jiguang Wang, Shihua Zhang(张世华), Yong Wang(王勇), Luonan Chen, Xiang-Sun Zhang(章祥荪), Disease-Aging Network Reveals Significant Roles of Aging Genes in Connecting Genetic Diseases, *Plos Computational Biology*, 5 (9), 2009. (SCI)
86. X. S. Zhang(章祥荪), R. S. Wang, Y. Wang(王勇), J. Wang, Y. Qiu, L. Wang, L. Chen, Modularity optimization in community detection of complex networks, *Europhysics Letters*, 87, 38002, 2009. (SCI)
87. Yong Wang(王勇), Xiang-Sun Zhang(章祥荪), Yu Xia, Predicting eukaryotic transcriptional cooperativity by Bayesian network integration of genome-wide data, *Nucleic Acids Research*, 37(18), 5943-5958, 2009. (SCI)
88. Yong Wang(王勇), Xiang-Sun Zhang(章祥荪), Luonan Chen, A network biology study on circadian rhythm by integrating various omics data, *OMICS A Journal of Integrative Biology*, 13(4), 313-324, 2009. (SCI)
89. Yong Wang(王勇), Ling-Yun Wu(吴凌云), Ji-Hong Zhang, Zhong-Wei Zhan, Xiang-Sun Zhang(章祥荪), Luonan Chen, Evaluating Protein Similarity from Coarse Structures, *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, 6(4), 583-893, 2009. (SCI)
90. Xiaoqian Shao, Yingjie Tian, Lingyun Wu(吴凌云), Yong Wang(王勇), Ling Jing, Naiyang Deng, Predicting DNA- and RNA-binding proteins from sequences with kernel methods, *Journal of Theoretical Biology*, 258, 289-293, 2009. (SCI)
91. Yong Wang(王勇), Rui-Sheng Wang, Trupti Joshi, Dong Xu, Xiang-Sun Zhang(章祥荪), Luonan Chen, Yu Xia, A Linear Programming Framework for Inferring Gene Regulatory Networks by Integrating Heterogeneous Data, *Computational Methodologies in Gene Regulatory Networks*, 2009. (图书章节)
92. Ling-Yun Wu(吴凌云), Xiaobo Zhou, Fuhai Li, Xiaorong Yang, Chung-Che Chang, Stephen T.C.Wong, Conditional random pattern algorithm for LOH inference and segmentation, *Bioinformatics*, 25(1), 61-67, 2009. (SCI)
93. Xiao-Bo Wang, Ling-Yun Wu(吴凌云), Yong-Cui Wang, and Nai-Yang Deng, Prediction of palmitoylation sites using the composition of K-spaced amino acid pairs. *Protein Engineering, Design, and Selection*, 22(11), 707-712, 2009. (SCI)
94. W.T. Huang, X. Yang, X. Zhou, F.A. Monzon, J. Wen, J.M. Hagenkord, L.Y. Wu(吴凌云), C. Keever-Taylor, L. Novoa-Takara, S.T.C. Wong, K. Young, and C.C. Chang, Multiple distinct clones may co-exist in different lineages in myelodysplastic syndromes, *Leukemia Research*, 33(6), 847-853, 2009. (SCI)
95. Ling-Yun Wu(吴凌云), Zhenping Li, Rui-Sheng Wang, Xiang-Sun Zhang(章祥荪), Luonan Chen, Self- organizing map approaches for the haplotype assembly problem. *Mathematics and Computers in Simulation*, 79(10), 3026-3037, 2009. (SCI)
96. Yu-Qing Qiu, Shihua Zhang(张世华), Xiang-Sun Zhang(章祥荪) and Luonan Chen, Identifying differentially expressed pathways via a mixed integer linear programming model, *IET Systems Biology*, 3(6), 475-486, 2009. (SCI)
97. Shihua Zhang(张世华), Rui-Sheng Wang, Xiang-Sun Zhang(章祥荪), Luonan Chen, Fuzzy System Methods in Modeling Gene Expression and Analyzing Protein Networks, Y. Jin and L. Wang(Eds.): *Fuzzy Systems in Bio., STUDFUZZ 242*, 165-189, 2009.
98. Min Xu, Shihua Zhang(张世华), Frank Alber, 3D Rotation Invariant Features for the Characterization of Molecular Density Maps, *BIBM*, 74-78, 2009. (EI)
99. Xiaoming Yan, Ke Liu(刘克), An inventory with two suppliers and default risk, *Operations Research Letters*, 37, 322-326, 2009. (SCI)
100. Xiaoming Yan, Ke Liu(刘克), Optimal control problems for a new product with word-of-mouth, *Int. J. Production Economics*, 119, 402-414, 2009. (SCI)
101. 卢萌, 刘克, 多种产品生产系统的生产计划问题, *系统科学与数学*, 29 (11), 1-11, 2009.
102. Pengcheng Xu(许鹏程), Differential phase space reconstructed for chaotic time series, *Appl. Math. Model.*, 33(2), 999-1013, 2009. (SCI)
103. A. W. jayawardena, P. C. Xu(许鹏程), W.K. Li, Rainfall data simulation by Hidden Markov model and discrete wavelet transformation, *Stoch Environ Res Assess*, 23, 863-877, 2009. (SCI)
104. Feimin Huang(黄飞敏), Yi Wang(王益), Tong Wang, Hydrodynamic limit of nonlinear Boltzmann equation with contact discontinuities, *Commun. Math. Phys.*, 2009. (SCI)
105. Xiaohong Qin, Yi Wang(王益), Stability of wave patterns to the inflow problem of full compressible Navier-Stokes equation, *SIAM J. MATH. ANAL.*, 41(5), 2057-2087, 2009. (SCI)
106. Huaizhong Zhao, Zuo-Huan Zheng(郑作环), Random periodic solutions of random dynamical systems, *Journal of Differential Equations*, 246, 2020-2038, 2009. (SCI)
107. 李希亮, 郑作环, 一类单调斜积半流的W-极限集的提升动力学行为, *应用数学学报*, 32(5), 2009.
108. 王兰宇, 多峰映射族中非双曲奇异吸引子的丰富性, *应用数学学报*, 32 (6), 2009.
109. 张汉勤, The effect of leadtime and demand uncertainty in (r,q) inventory systems, *Operations Research*, 2009.
110. 张汉勤, The algebraic of phase-type distributions, *J. Appl. Probability*, 2009.
111. Pigong Han(韩丕功), Regularity of weak solutions to 3D incompressible Navier-Stokes equations, *J. Evol. Equ.*, 2009. (SCI)
112. Zhaoxia Liu, Pigong Han(韩丕功), Infinitely many solutions for elliptic systems with critical exponents, *J. Math. Anal. Appl.*, 353, 544-552, 2009. (SCI)
113. 徐扬扬, 崔晋川, N车探险问题的一种近似度的近似算法, *应用数学学报*, 32 (6), 2009.

114. Monica Visan, Xiaoyi Zhang(张晓轶), Global well posedness and scattering for a class of nonlinear Schroedinger equations below the energy space, *Differential and Integral Equations*, 22(1), 99-124, 2009. (SCI)
115. Dong Li, Xiaoyi Zhang(张晓轶), On the rigidity of minimal mass solutions to the focusing mass-critical NLS for rough initial data, *Electronic Journal of Differential Equations*, 2009(78), 1-19, 2009. (SCI)
116. Dong Li, Xiaoyi Zhang(张晓轶), Dynamics for the energy critical nonlinear Schroedinger equation in high dimensions, *Journals of Functional Analysis*, 256, 1928-1961, 2009. (SCI)
117. Rowan Killip, Dong Li, Monica Visan, Xiaoyi Zhang(张晓轶), Characterization of minimal-mass blowup solutions to the focusing mass-critical NLS, *SIAM J. MATH. ANAL.*, 41(1), 219-236, 2009. (SCI)
118. Dong Li, Xiaoyi Zhang(张晓轶), On the classification of minimal mass blowup solutions of the focusing mass-critical Hartree equation, *Advances in Mathematics*, 220, 1171-1192. (SCI)

会议论文及报告

1. Xuelian Cao, Nan Li , Shunlong Luo(骆顺龙), Decoherent Information of Quantum Operations, *Interdisciplinary Mathematical Science (Recent Development in Stochastic Dynamics and Stochastic Analysis)*, 8: 37-56 ,2009.
2. Ji-Guang Wang, Lin Wang, Yu-Qing Qiu, Yong Wang(王勇), Xiang-Sun Zhang(章祥荪), A Constrained Optimization Method for Community Detection, *Optimization and Systems Biology*, *Lecture Notes in Operations Research*, 11, 142-150, 2009.
3. Zhi-Ping Liu, Yong Wang (王勇), Tieqiao Wen, Xiang-Sun Zhang(章祥荪), Weiming Xia, and Luonan Chen, Dynamically dysfunctional protein interactions in the development of Alzheimer's disease, *2009 IEEE International Conference on Systems, Man, and Cybernetics*, 1-8,2009.
4. Biao-Bin Jiang, Ji-Guang Wang, Jing-Fa Xiao, and Yong Wang(王勇), Gene Prioritization for Type 2 Diabetes in Tissue-specific Protein Interaction Networks, *Optimization and Systems Biology*, *Lecture Notes in Operations Research*, 11, 319-328, 2009.
5. Naiyang Deng, Ling-Yun Wu(吴凌云), and Xiaobo Wang, The Prediction of Protein Post-translational Modification Sites, In *Proceedings of 3rd International Symposium on Optimization and Systems Biology*, *Lecture Notes in Operations Research*, 11, 3-4, World Publishing Corporation, Beijing, 2009.
6. Zheng Xia, Xiaobo Zhou, Youxian Sun, and Ling-Yun Wu(吴凌云), Semi-supervised Drug-Protein Interaction Prediction from Heterogeneous Spaces, In *Proceedings of 3rd International Symposium on Optimization and Systems Biology*, *Lecture Notes in Operations Research*, 11, 123-131, World Publishing Corporation, Beijing, 2009.
7. Xianwen Ren, Xiang-Sun Zhang(章祥荪), A Novel Approach for Pathway Inference Based on Network Flow, *The Third International Symposium on Optimization and Systems Biology*, 468-474, 2009.
8. Junhua Zhang(张俊华), Xiang-Sun Zhang(章祥荪), A Weighted Parsimony Model for Community Detection in Complex Networks, *The Third International Symposium on Optimization and Systems Biology*, 419-429, 2009.
9. Junhua Zhang(张俊华), Shihua Chen, A Random Iterative Algorithm for Community Detection, *The Third International Symposium on Optimization and Systems Biology*, 448-455, 2009.
10. Junhua Zhang(张俊华), Wentao Huang, Zhiyuan Zhao, etc., Study on Multilocus Interactions for Hypertension by an Information Theoretic Method, *The Third International Symposium on Optimization and Systems Biology*, 456-467, 2009.
11. 张世华等, A robust clustering technique for grouping biological data: an illustrative study in gene expression data, OSB09, 267-275, 2009.
12. Shihua Zhang(张世华), Xuemei Ning, Chris Ding, Maximizing Modularity Density for Exploring Modular Organization of Protein Interaction Networks, OSB09, 361-370, 2009.
13. 王兰宇, 埃农映射族中奇异吸引子的存在性问题, 10000个科学难题, 291-293, 科学出版社, 2009. (文集)
14. 张明晖, 刘克, 可靠性更新时供应商的选择与订货问题, 第七届中国不确定系统年会论文集, 141-145, 2009.
15. 曹平, 董昭, 刘克, 蔡开元, 软件测试的剔除策略分析, 第十一届中国青年信息与管理学者大会论文集, 137-141, 2009.
16. Xi Xia, Jin-Chuan Cui(崔晋川), Study of Water Resource Allocation Mechanism Design, ISORA'09, 212-219, 2009.
17. Xiaoya Li(李晓亚), Jin-Chuan Cui(崔晋川), Real-Time Algorithm Scheme for n-Vehicle Exploration Problem, COCOA 2009, 287-300, 2009.
18. Xiaoya Li(李晓亚), Jin-Chuan Cui(崔晋川), Real-time water resource allocation: methodology and mechanism, IEEM 2009 Proceedings

[下一篇：无](#)

[上一篇：2008年论著目录](#)