

常用版块

- 发表论文
- 历年获奖

文章内容

2011年理学院发表论文统计

发布时间:2013-04-25

1. Li Yuting, Li Haihong (李海红), Zhu Yun, Zhang Mei, Yang Junzhong (杨俊忠). Type of spiral wave with trapped ions. *PHYSICAL REVIEW E*. 84(2011)
2. Chen Jianjun (陈建军), Li Zhi, Lei Ming (雷鸣), Yue Song, Xiao Jinghua (肖井华), Gong Qihuang. Broadband unidirectional generation of surface plasmon polaritons with dielectric-film-coated asymmetric single-slit. *OPTICS EXPRESS*. 19(2011)
3. Wang Chuan (王川), Zhang Yong (张勇), Zhang Ru (张茹). Entanglement purification based on hybrid entangled state using quantum-dot and microcavity coupled system. *OPTICS EXPRESS*. 19(2011)
4. Wang Ming, Shan Wen-Rui (单文锐), Lu Xing, Qin Bo, Liu Li-Cai. Multi-Soliton Solutions for an Inhomogeneous Nonlinear Schrodinger-Maxwell-Bloch System in the Erbium-Doped Fiber. *ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES*. 66 (2011)
5. Zhu Ping (朱萍), Wen Qiaoyan. Affine braid groups: a better platform than braid groups for cryptology?. *APPLICABLE ALGEBRA IN ENGINEERING COMMUNICATION AND COMPUTING*. 22 (2011)
6. Heidarkhani Shapour, Tian Yu (田玉). THREE SOLUTIONS FOR A CLASS OF GRADIENT KIRCHHOFF-TYPE SYSTEMS DEPENDING ON TWO PARAMETERS. *DYNAMIC SYSTEMS AND APPLICATIONS*. 20(2011)
7. Zhang Kai, Wang Wenzhong, Yu Li (于丽), Liang Yujie, Zhang Guling, Xiao Jinghua. Tailoring optical properties of TiO₂ nanowires coated with Ag nanoparticles by plasmon coupling of Ag nanoparticles. *SOLID STATE COMMUNICATIONS*. 151(2011)

8. Chen Li, Chen Xiu-Qing (陈秀卿), Juengel Ansgar. SEMICLASSICAL LIMIT IN A SIMPLIFIED QUANTUM ENERGY-TRANSPORT MODEL FOR SEMICONDUCTORS. *KINETIC AND RELATED MODELS*. 4(2011)

9. Yang Jian Kui (杨建奎). Diffusion approximation of a multitype re-entrant line under smaller-buffer-first-served policy. *ACTA MATHEMATICA SINICA-ENGLISH SERIES*. 27(2011)

10. Wang Daobin, Zhang Jie (张劫), Yuan Lihua, Lei Jingli, Chen Sai, Han Jiawei, Hou Shanglin. Slow light engineering in polyatomic photonic crystal waveguides based on square lattice. *OPTICS COMMUNICATIONS*. 284(2011)

11. Lei M (雷鸣), Zhang Y. B, Fu X. L (符秀丽), Huang Y. T, Zhang L, Xiao J. H (肖井华). Solvothermal route to novel TiO₂ capped ZnS nanowires. *MATERIALS LETTERS*. 65(2011)

12. Tian Yu (田玉), Ge Weigao. Multiple solutions of Sturm-Liouville boundary value problem via lower and upper solutions and variational methods. *NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS*. 74(2011)

13. Jiao Rong-Zhen (焦荣珍), Zhang Chao, Ma Hai-Qiang (马海强). Decoy-state quantum key distribution with practical light source. *ACTA PHYSICA SINICA*. 60(2011)

14. Wang Huijuan, Wen Qiaoyan, Zhang Jie (张劫). 2-Adic Complexity of Self-Shrinking Sequence. *EICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES*. E94A(2011)

15. Wang Pan, Tian Bo (田播), Liu Wen-Jun (刘文军), Lue Xing, Jiang Yan. ax pair, Backlund transformation and multi-soliton solutions for the Boussinesq-Burgers equations from shallow water waves. *APPLIED MATHEMATICS AND COMPUTATION*. 218(2011)

16. Li Hai-Hong (李海红), Cheng Hong-Yan (程红艳), Dai Qiong-Lin (代琼琳), Ju Ping, Zhang Mei, Yang Jun-Zhong (杨俊忠). Effects of Dimers on Cooperation in the Spatial Prisoner's Dilemma Game. *COMMUNICATIONS IN THEORETICAL PHYSICS*. 56(2011)

17. Tian Yu (田玉), Ge Weigao. Sign-changing and multiple solutions of the Sturm-Liouville boundary value problem via invariant sets of descending flow. *NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS*. 74(2011)

18. Shen Yao, Wang Chuan (王川), Long Gui Lu. Decoherence-free subspaces of anyon states. *PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS*. 390(2011)
19. Wang Chuan (王川), Zhang Yong (张勇), Jin Guangsheng (金光生). POLARIZATION-ENTANGLEMENT PURIFICATION AND CONCENTRATION USING CROSS-KERR NONLINEARITY. *QUANTUM INFORMATION & COMPUTATION*. 11(2011)
20. Fu X. L (符秀丽), Tang W.H (唐为华), Li L. H. ELECTRICAL CHARACTERIZATION OF VAPOR-DEPOSITED SINGLE CdS NANOWIRE. *INTERNATIONAL JOURNAL OF MODERN PHYSICS B*. 25(2011)
21. Zhang Guangyu, Song Siyu, Li Junlin, Wang Wanying, Wang Chuan (王川). FREE-SPACE QUANTUM-KEY DISTRIBUTION WITH POLARIZATION COMPENSATION. *JOURNAL OF RUSSIAN LASER RESEARCH*. 32(2011)
22. Zhang Ke-Jia, Zhu Ping (朱萍), Gao Fei, Guo Fen-Zhuo (郭奋卓), Qin Su-Juan, Wen Qiao-Yan. General description of discriminating quantum operations. *CHINESE PHYSICS B*. 20(2011)
23. Tian GuiHua (田贵花), Li ZhaoYang. Can all the recurrence relations for spherical functions be extended to spheroidal functions. *SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY*. 54(2011)
24. Wang C (王川), Ma H. Q, Jiao R. Z (焦荣珍), Zhang Y. An improved quantum repeater protocol using hyperentangled state purification. *EUROPEAN PHYSICAL JOURNAL D*. 64(2011)
25. Peng Zhijian, Fu Xiuli (符秀丽), Ge Huilin, Fu Zhiqiang, Wang Chengbiao, Qi Longhao, Miao Hezhuo. Effect of Pr³⁺ doping on magnetic and dielectric properties of Ni-Zn ferrites by "one-step synthesis". *JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS*. 323(2011)
26. Wang Chuan (王川), Zhang Yong (张勇), Jin Guang-sheng. Entanglement purification and concentration of electron-spin entangled states using quantum-dot spins in optical microcavities. *PHYSICAL REVIEW A*. 84(2011)
27. Sun Kun, Tian Bo (田播), Liu Wenjun (刘文军), Li Min, Wang Pan, Jiang Yan. N-soliton solution and soliton collisions of the (2+1)-dimensional nonlinear long-wave Boussinesq-class equation. *PHYSICA SCRIPTA*. 84(2011)

28. Wang Shihong (王世红), Shan Pengyang. Security analysis of a one-way hash function based on spatiotemporal chaos. *CHINESE PHYSICS B.* 20(2011)
29. Wang Qingyun, Shi Xia (石霞), Chen Guanrong. DELAY-INDUCED SYNCHRONIZATION TRANSITION IN SMALL-WORLD HODGKIN-HUXLEY NEURONAL NETWORKS WITH CHANNEL BLOCKING. *DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS-SERIES B.* 16(2011)
30. Li Ang, Zeng Jingyi, Yang Hujiang, Xiao Jinghua (肖井华). A laboratory experiment on coupled non-identical pendulums. *EUROPEAN JOURNAL OF PHYSICS.* 32(2011)
31. Zhang Kai, Li Jiafang, Wang Wenzhong, Xiao Jinghua (肖井华), Yin Wenjing, Yu Li (于丽). Enhancing the linear absorption and tuning the nonlinearity of TiO₂ nanowires through the incorporation of Ag nanoparticles. *OPTICS LETTERS.* 36(2011)
32. Yang Lihua, Wang Yonggang (王永钢), Yang Bojun (杨伯君). Description of squeezed surface plasmons. *SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY.* 54(2011)
33. Zhu Ping (朱萍), Wen Qiaoyan. Homomorphisms between fuzzy information systems revisited. *APPLIED MATHEMATICS LETTERS.* 24(2011)
34. Zhu Hongwu, Tian Bo (田播). ON THE EXISTENCE OF INFINITE CONSERVATION LAWS OF A VARIABLE-COEFFICIENT KORTEWEG-DE VRIES MODEL WITH SYMBOLIC COMPUTATION. *MODERN PHYSICS LETTERS B.* 25(2011)
35. Wang Chuan (王川), Hao Liang, Zhao Lianjie. Implementation of Quantum Private Queries Using Nuclear Magnetic Resonance. *CHINESE PHYSICS LETTERS.* 28(2011)
36. Zhou Qing (周清). Two-agent Pareto optimal cooperative investment in incomplete market: An equivalent characterization. *JOURNAL OF SYSTEMS SCIENCE & COMPLEXITY.* 24(2011)
37. Wang Chuan (王川). Generalized quantum state sharing of the arbitrary two particles state (vol 53, pg 2064, 2010). *SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY.* 54(2011)

38. Li Ting, Yu Li (于丽), Lu Zhixin, Song Gang, Zhang Kai. Controlling optical properties of periodic gold nanoparticle arrays by changing the substrate, topologic shapes of nanoparticles, and polarization direction of incident light. *CHINESE PHYSICS B.* 20(2011)
39. Tian Feng, Zhang Xiaoguang, Weng Xuan, Xi Lixia, Zhang Yangan, Zhang Wenbo (张文博). High-speed polarization mode dispersion compensation in a 43-Gb/s RZ-DQPSK transmission system over 1200 km of standard single-mode fibre. *CHINESE PHYSICS B.* 20(2011)
40. Lu Zhixin, Yu Li (于丽), Liu Bingcan, Zhang Kai, Song Gang. Femtosecond Pulse Propagation in a Symmetric Gap Surface Plasmon Polariton Waveguide. *CHINESE PHYSICS LETTERS.* 28(2011)
41. Cai Yunfeng, Qian Jiang (钱江), Xu Shufang. The formulation and numerical method for partial quadratic eigenvalue assignment problems. *NUMERICAL LINEAR ALGEBRA WITH APPLICATIONS.* 18(2011)
42. Liu Licai, Tian Bo (田播), Qin Bo, Lu Xing, Lin Zhiqiang, Liu Wenjun. Reductions and Solutions of Two Types of Coupled Nonlinear Evolution Equations in Optical Fibers and Fluid Dynamics. *ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES.* 66(2011)
43. Fu Xiuli (符秀丽), Ge Huilin, Xing Qingkai, Peng Zhijian. Effect of W ion doping on magnetic and dielectric properties of Ni-Zn ferrites by "one-step synthesis". *MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS.* 176(2011)
44. Zhou Qing (周清), Ren Yong, Wu Weixing. On solutions to backward stochastic partial differential equations for Levy processes. *JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS.* 235(2011)
45. Zhang Mei, Yang Junzhong (杨俊忠). Effects of Topological Randomness on Cooperation in a Deterministic Prisoner's Dilemma Game. *COMMUNICATIONS IN THEORETICAL PHYSICS.* 56(2011).
46. Dai Qionglin (代琼琳), Cheng Hongyan, Li Haihong (李海红), Li Yuting, Zhang Mei, Yang Junzhong (杨俊忠). Crossover between structured and well-mixed networks in an evolutionary prisoner's dilemma game. *PHYSICAL REVIEW E.* 84(2011)

47. Wang Daobin, Zhang Jie (张劫), Gao Guanjun, Cheng Xiaofei, Chen Sai, Zhao Yongli, Gu Wanyi. Pulse broadening factor as a criterion to assess nonlinear penalty of 40-Gbit/s RZ-DQPSK signals in dynamic transparent optical networks. *OPTICAL FIBER TECHNOLOGY*. 17(2011)
48. Song Tingting, Zhang Jie (张劫), Gao Fei, Wen Qiaoyan. Entanglement distribution using three-mode separable state with imperfect equipments. *CHINESE PHYSICS B*. 20(2011)
49. Zhuo X. J. (卓新建). A dynamic model of entecavir therapy and after therapy for HBV Infection. *INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES*. 15(2011)
50. Mo Huixia (默会霞), Lu Shanzhen. Generalized commutators for Marcinkiewicz type integrals with variable kernels. *ACTA MATHEMATICAE APPLICATAE SINICA-ENGLISH SERIES*. 27(2011)
51. Zhou Qing (周清). Cooperative hedging in the complete market under g-expectation constraint. *ACTA MATHEMATICAE APPLICATAE SINICA-ENGLISH SERIES*. 27(2011)
52. Dong Kun, Tian Guihua (田贵花), Sun Yue. Low frequency asymptotics for the spin-weighted spheroidal equation in the case of $s=1/2$. *CHINESE PHYSICS B*. 20(2011)
53. Wang Chuan (王川), Li YanSong, Hao Liang. Optical implementation of quantum random walks using weak cross-Kerr media. *CHINESE SCIENCE BULLETIN*. 56(2011)
54. Yang Hujiang (杨胡江), Xiao Jinghua (肖井华), Yang Tianyu, Qiu Chen. A simple method to measure the trajectory of a spherical pendulum. *EUROPEAN JOURNAL OF PHYSICS*. 32(2011)
55. Hao Liang, Wang Chuan (王川), Long Guilu. Quantum secret sharing protocol with four state Grover algorithm and its proof-of-principle experimental demonstration. *OPTICS COMMUNICATIONS*. 284(2011)
56. Zhu Ping (朱萍). A Note on Diversity Criterion in Decision Making. *INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS*. 26(2011)
57. Feng Hai, Peng Zhijian, Fu Xiuli (符秀丽), Fu Zhiqiang, Wang Chengbiao, Qi Longhao, Miao Hezhuo. Effect of SnO₂ doping on microstructural and electrical

properties of ZnO-Pr6O11 based varistor ceramics. *JOURNAL OF ALLOYS AND COMPOUNDS*. 509(2011)

58. Guo Yongjiang (郭永江) . RATE OF CONVERGENCE OF FLUID APPROXIMATION FOR RE-ENTRANT LINES UNDER FBFS DISCIPLINE. *ASIA-PACIFIC JOURNAL OF OPERATIONAL RESEARCH*. 28(2011)

59. Sun Yue, Tian Guihua (田贵花) , Dong Kun. Spin-weighted spheroidal equation in the case of $s=1$. *CHINESE PHYSICS B*. 20(2011)

60. Cheng Hongyan (程红艳) , Yang Junzhong (杨俊忠) . Organization of the Strategy Pattern in Evolutionary Prisoner's Dilemma Game on Scale-Free Networks. *CHINESE PHYSICS LETTERS*. 28(2011)

61. Ai Wenbao (艾文宝) , Huang Yongwei, Zhang Shuzhong. New results on Hermitian matrix rank-one decomposition. *MATHEMATICAL PROGRAMMING*. 128(2011)

62. Fu Xiuli (符秀丽) , Guo Xiang, Zhang Lei, Xiao Jinghua (肖井华) , Zhao Xiaohong (赵晓红) , Zhu Hongbo (朱洪波) , Jiang Daya. Fabrication and Optical Properties of Ag Nanostructures with Various Morphologies. *RARE METAL MATERIALS AND ENGINEERING*. 40(2011)

63. Ren Y., Zhou Q. (周清) , Chen L.. Existence, Uniqueness and Stability of Mild Solutions for Time-Dependent Stochastic Evolution Equations with Poisson Jumps and Infinite Delay. *JOURNAL OF OPTIMIZATION THEORY AND APPLICATIONS*. 149(2011)

64. Tang Wenlin, Tian Guihua (田贵花) . Ground eigenvalue and eigenfunction of a spin-weighted spheroidal wave equation in low frequencies. *CHINESE PHYSICS B*. 20(2011)

65. Song Tingting, Zhang Jie (张劫) , Qin Sujuan, Gao Fei, Wen Qiaoyan. FINITE-KEY ANALYSIS FOR QUANTUM KEY DISTRIBUTION WITH DECOY STATES. *QUANTUM INFORMATION & COMPUTATION*. 11(2011)

66. Yu Yihua (余翊华) , Zheng Xuanyuan. Particle filter with ant colony optimization for frequency offset estimation in OFDM systems with unknown noise distribution. *SIGNAL PROCESSING*. 91(2011)

67. Fu Xiuli (符秀丽) , Peng Zhijian, Li Dan, Zhang Lei, Xiao Jinghua, Li Jiangyan, Fang

Zheyu. Self-assembly of tetrapod-shaped CdS nanostructures into 3D networks by a transverse growth process. *NANOTECHNOLOGY*. 22(2011)

68. Cheng Hongyan (程红艳), Dai Qionglin (代琼琳), Li Haihong (李海红), Zhu Yun, Zhang Mei, Yang Junzhong (杨俊忠). Payoff-related migration enhances cooperation in the prisoner's dilemma game. *NEW JOURNAL OF PHYSICS*. 13(2011)

69. Tian Yu (田玉), Ge Weigao. EXISTENCE OF MULTIPLE POSITIVE SOLUTIONS FOR DISCRETE PROBLEMS WITH P-LAPLACIAN VIA VARIATIONAL METHODS. *ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS*. 45(2011)

70. Qin Bo, Tian Bo (田播), Liu Licai, Wang Ming, Lin Zhiqiang, Liu Wenjun. Bell-polynomial approach and N-soliton solution for the extended Lotka-Volterra equation in plasmas. *JOURNAL OF MATHEMATICAL PHYSICS*. 52(2011)

71. Chen Li, Chen Xiuqing (陈秀卿), Zhang Chunlei. Vanishing electron mass limit in the bipolar Euler-Poisson system. *NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS*. 12(2011)

72. Qi Fenghua, Tian Bo (田播), Xu Tao, Zhang Haiqiang, Li Lili, Meng Xianghua, Lue Xing, Liu Wenjun. PAINLEVE ANALYSIS, LAX PAIR AND BACKLUND TRANSFORMATION FOR THE GROSS-PITAEVSKII EQUATION IN THE BOSE-EINSTEIN CONDENSATES. *INTERNATIONAL JOURNAL OF MODERN PHYSICS B*. 25(2011)

73. Chen Xiuqing (陈秀卿), Chen Li, Sun Caiyun. A sixth-order parabolic system in semiconductors. *CHINESE ANNALS OF MATHEMATICS SERIES B*. 32(2011)

74. Zhao Xinchao (赵新超). Simulated annealing algorithm with adaptive neighborhood. *APPLIED SOFT COMPUTING*. 11(2011)

75. Liu Bingcan, Yu Li (于丽), Lu Zhixin. The surface plasmon polariton dispersion relations in a nonlinear-metal-nonlinear dielectric structure of arbitrary nonlinearity. *CHINESE PHYSICS B*. 20(2011)

76. Zhu Ping (朱萍). Covering rough sets based on neighborhoods: An approach without using neighborhoods. *INTERNATIONAL JOURNAL OF APPROXIMATE REASONING*. 52(2011)

77. Tian Guihua (田贵花), Zhong Shuquan. The recurrence relations for the spheroidal functions. *SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY*. 54(2011)

78. Feng Qian, Gao Yitian, Meng Xianghua, Yu Xin, Sun Zhiyuan, Xu Tao, Tian Bo (田播). N-SOLITON-LIKE SOLUTIONS AND BACKLUND TRANSFORMATIONS FOR A NON-ISOSPECTRAL AND VARIABLE-COEFFICIENT MODIFIED KORTEWEG-DE VRIES EQUATION. *INTERNATIONAL JOURNAL OF MODERN PHYSICS B*. 25(2011)

79. Meng Xianghua, Sun Zhiyuan, Zhang Chunyi, Tian Bo (田播). ANALYTIC DARK SOLITON SOLUTIONS FOR A GENERALIZED VARIABLE-COEFFICIENT HIGHER-ORDER NONLINEAR SCHRODINGER EQUATION IN OPTICAL FIBERS USING SYMBOLIC COMPUTATION. *INTERNATIONAL JOURNAL OF MODERN PHYSICS B*. 25(2011)

80. Li Wei, Wang Yonggang (王永刚), Yang Bojun (杨伯君). Effect of losses for squeezed surface plasmons. *ACTA PHYSICA SINICA*. 60(2011)

81. Wang P., Li J., Lang P. L. (郎佩琳), Li S. L., Chu H. F., Xie T. Y., Zheng D. N.. Highly oriented La_{2/3}Ca_{1/3}MnO₃ films grown on silicon-on-insulator substrates by pulsed laser deposition. *APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING*. 102(2011)

82. Cai Jiangtao, Abliz Ahmad, Bai Yankui, Jin Guangsheng (金光生). Effects of Dzyaloshinskii-Moriya Interaction on Optimal Dense Coding Using a Two-Qubit Heisenberg XXZ Chain with and without External Magnetic Field. *CHINESE PHYSICS LETTERS*. 28(2011)

83. He Shujuan, Wang Xiaohong, Fei Shaoming, Sun Hongxiang (孙洪祥), Wen Qiaoyan. Three-Tangle for High-Rank Mixed States. *COMMUNICATIONS IN THEORETICAL PHYSICS*. 55 (2011)

84. Wang Pan, Tian Bo (田播), Liu Wenjun, Qu Qixing, Li Min, Sun Kun. Lax pair, conservation laws and N-soliton solutions for the extended Korteweg-de Vries equations in fluids. *EUROPEAN PHYSICAL JOURNAL D*. 61(2011)

85. Qu Qixing, Tian Bo (田播), Liu Wenjun, Sun Kun, Wang Pan, Jiang Yan, Qin Bo. Soliton solutions and interactions of the Zakharov-Kuznetsov equation in the electron-positron-ion plasmas. *EUROPEAN PHYSICAL JOURNAL D*. 61(2011)

86. Li Min, Xiao Jinghua (肖井华), Liu Wenjun, Jiang Yan, Sun Kun, Tian Bo (田播). Breather

and double-pole solutions of the derivative nonlinear Schrodinger equation from optical fibers. *PHYSICS LETTERS A*. 375(2011)

87. **Zhu Ping** (朱萍), **Wen Qiaoyan**. A note on communicating between information systems based on including degrees. *INTERNATIONAL JOURNAL OF GENERAL SYSTEMS*. 40(2011)

88. **Zhou Qing** (周清), **Wu Weixing**. Two-agent Pareto optimal cooperative investment in general semimartingale model. *OPTIMIZATION*. 60(2011)

89. **Tian Yu** (田玉), **Tisdell Christopher C.**, **Ge Weigao**. The method of upper and lower solutions for discrete BVP on infinite intervals. *JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS*. 17(2011)

90. **Guo Yongjiang** (郭永江). Fluid approximation and its convergence Rate for GI/G/1 queue with vacations. *ACTA MATHEMATICAE APPLICATAE SINICA-ENGLISH SERIES*. 27(2011)

91. **Liu Wenjun** (刘文军), **Tian Bo** (田播), **Jiang Yan**, **Sun Kun**, **Wang Pan**, **Li Min**, **Qu Qixing**. Soliton solutions and Backlund transformation for the complex Ginzburg-Landau equation. *APPLIED MATHEMATICS AND COMPUTATION*. 217(2011)

92. **Tang Wenlin**, **Tian Guihua** (田贵花). Solving ground eigenvalue and eigenfunction of spheroidal wave equation at low frequency by supersymmetric quantum mechanics method. *CHINESE PHYSICS B*. 20(2011)

93. **Li Meisheng**, **Zhang Honghui**, **Zhao Yong** (张勇), **Shi Xia**. Synchronization of Coupled Neurons Controlled by a Pacemaker. *CHINESE PHYSICS LETTERS*. 28(2011)

94. **Lue Zhuosheng** (吕卓生). Special Bi-Solitons for Asymmetric Nizhnik-Novikov-Veselov Equation. *COMMUNICATIONS IN THEORETICAL PHYSICS*. 55(2011)

95. **Zhu Ping** (朱萍). An Axiomatic Approach to the Roughness Measure of Rough Sets. *FUNDAMENTA INFORMATICA*. 109(2011)

96. **Qu Qixing**, **Tian Bo** (田播), **Sun Kun**, **Jiang Yan**. Backlund transformation, Lax pair, and solutions for the Caudrey-Dodd-Gibbon equation. *JOURNAL OF MATHEMATICAL PHYSICS*. 52(2011)

97. Wang Chuan (王川), Zhang Yong (张勇), Jin Guangsheng (金光生). Dicke state generation using cross-Kerr nonlinearity. *JOURNAL OF MODERN OPTICS*. 58(2011)
98. Liao Xin, Wen Qiaoyan, Zhang Jie (张劫). A steganographic method for digital images with four-pixel differencing and modified LSB substitution. *JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION*. 22(2011)
99. Peng Haipeng, Hu Gang, Li Lixiang, Yang Yixian, Xiao Jinghua (肖井华). Constructing Dynamic Multiple-Input Multiple-Output Logic Gates. *MATHEMATICAL PROBLEMS IN ENGINEERING*. 380345(2011)
100. Huang Wei, Guo Fenzhuo (郭奋卓), Huang Zheng, Wen Qiaoyan, Zhu Fuchen. Three-particle QKD protocol against a collective noise. *OPTICS COMMUNICATIONS*. 284(2011)
101. Liu Wenjun (刘文军), Tian Bo (田播), Li Min, Jiang Yan, Qu Qixing, Wang Pan, Sun Kun. Symbolic computation of solitons in the normal dispersion regime of inhomogeneous optical fibres. *QUANTUM ELECTRONICS*. 41(2011)
102. Qin Bo, Tian Bo (田播), Liu Wenjun, Liu Licai, Qu Qixing, Zhang Haiqiang. SOLITONIC EXCITATIONS AND INTERACTIONS IN THE THREE-SPINE alpha-HELICAL PROTEIN WITH INHOMOGENEITY. *SIAM JOURNAL ON APPLIED MATHEMATICS*. 71 (2011)
103. Qi Fenghua, Tian Bo (田播), Liu Wenjun, Guo Rui, Xu Tao, Zhang Haiqiang. Multi-Soliton-Like Solutions of a Coupled Kadomtsev-Petviashvili System. *ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES*. 66(2011)