

科研成果 --> 发表论文 --> 正文

常用版块

- 发表论文
- 历年获奖

文章内容

2012年理学院发表论文统计

发布时间:2013-04-25

1. Li Min, Xiao Jinghua (肖井华), Qin Bo, Wang Ming, Tian Bo (田播). Vector-soliton bound states for the coupled mixed derivative nonlinear Schrodinger equations in optical fibers. *WAVE MOTION*. 50(2012)
2. Tian Yu (田玉), Henderson Johnny. Three anti-periodic solutions for second-order impulsive differential inclusions via nonsmooth critical point theory. *NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS*. 75(2012)
3. Chen Xiuqing (陈秀卿), Liu Jianguo. Two nonlinear compactness theorems in L-p(0, T; B). *APPLIED MATHEMATICS LETTERS*. 25(2012)
4. Zhu Ping (朱萍), Wen Qiaoyan. Information-theoretic measures associated with rough set approximations. *INFORMATION SCIENCES*. 212(2012)
5. Shan Wenrui (单文锐), Tian Bo (田播). Applications of some transformations for several variable-coefficient nonlinear evolution equations from plasma physics, arterial mechanics, nonlinear optics and Bose-Einstein condensates. *COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION*. 17(2012)
6. Zhou Hu, Wang Shihong (王世红). Collision analysis of a parallel keyed hash function based on chaotic neural network. *NEUROCOMPUTING*. 97(2012)
7. Wang Haixia, Lu Qishao, Shi Xia (石霞). Comparison of Synchronization Ability of Four Types of Regular Coupled Networks. *COMMUNICATIONS IN THEORETICAL PHYSICS*. 58(2012)
8. Li Haihong (李海红), Dai Qionglin (代琼琳), Cheng Hongyan, Yang Junzhong (杨俊忠). Cooperation in an evolutionary prisoner's dilemma game with probabilistic strategies.

9. Sun Qibo, Wang Wenbin, Yang Fangchun, Zhao Xinchao (赵新超) .Towards Service Pool Construction Approach based on Extended QoS Model for Pervasive Environment. *INFORMATION-AN INTERNATIONAL INTERDISCIPLINARY JOURNAL*. 15(2012)

10. Cong Cao, Wang Chuan (王川) , Ru Zhang (张茹) .Entanglement concentration for an arbitrary hybrid less-entangled state and W state using quantum dots and a microcavity coupled system. *CHINESE PHYSICS B*. 21(2012)

11. Zhu YinYan, Zhang Yong (张勇) .Quantum discord in the three-spin XXZ chain with Dzyaloshinskii-Moriya interaction. *SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY*. 55(2012)

12. Wang S. L., Li P. G., Zhu H. W., Tang W. H.(唐为华). Controllable synthesis and photocatalytic property of uniform CuO/Cu<sub>2</sub>O composite hollow microspheres. *POWDER TECHNOLOGY*. 230(2012)

13. Shan Wenrui (单文锐) , Zhan Yan, Tian Bo (田播) .GAUGE TRANSFORMATION AND SOLITON SOLUTIONS FOR THE WHITHAM-BROER-KAUP SYSTEM IN THE SHALLOW WATER. *MODERN PHYSICS LETTERS B*. 26(2012)

14. Zhang Taozheng, Wang Xiaojie, Tong Hui (仝辉) . Orthogonality is Better: Auxiliary Problems in ASO Algorithm. *CHINESE JOURNAL OF ELECTRONICS*. 21(2012)

15. Chen Zhao, Song Gang, Yu Li (于丽) , Chen Jianjun (陈建军) , Xiao Jinghua (肖井华) . Compact Wavelength Demultiplexer Structure Based on Side-Coupled Cavities. *CHINESE PHYSICS LETTERS*. 29(2012)

16. Xue Yushan, Tian Bo (田播) , Ai Wenbao (艾文宝) .Integrable nonlinear differential-difference hierarchy and Darboux transformation. *PHYSICA SCRIPTA*. 86(2012)

17. Jin Shifeng, Chen Xiaolong, Guo Jiangang, Lei Ming (雷鸣) , Lin Jingjing, Xi Jianguo, Wang Wenjun, Wang Wanyan. Sr<sub>2</sub>Mn<sub>3</sub>Sb<sub>2</sub>O<sub>7</sub> Type Oxselenides: Structures, Magnetism, and Electronic Properties of Sr(2)AO(2)M(2)Se(2) (A=Co, Mn; M=Cu, Ag). *INORGANIC CHEMISTRY*. 51(2012)

18. Zhang Y., Shen J. X., Wang S. L., Shen W., Cui C., Li P. G., Chen B. Y., Tang W. H.

19. Wang M., Tian, B. (田播) , Qi F-H., Qin B., Lin Z-Q.. SOLITON INTERACTIONS FOR A HIROTA-MAXWELL-BLOCH SYSTEM IN THE INHOMOGENEOUS ERBIUM-DOPED FIBER.*INTERNATIONAL JOURNAL OF MODERN PHYSICS B*. 26(2012)

20. Lai Hong, Xiao Jinghua (肖井华) , Li Lixiang, Yang Yixian. Recursive hiding of biometrics-based secret sharing scheme using adversary structure. *INFORMATION PROCESSING LETTERS*. 112(2012)

21. Liao Juan, Zhang Kai, Wang Lijuan, Wang Wenzhong, Wang Yonggang (王永钢) , Xiao Jinghua (肖井华) , Yu Li (于丽) .Facile hydrothermal synthesis of heart-like Ag@AgCl with enhanced visible light photocatalytic performance.*MATERIALS LETTERS*. 83(2012)

22. Lei M. (雷鸣) , Huang K., Zhang R., Yang H. J., Fu X. L. (符秀丽) , Wang Y. G. (王永钢) , Tang W. H. (唐为华) .Catalyst-free chemical vapor deposition route to InN nanowires and their cathodoluminescence properties. *JOURNAL OF ALLOYS AND COMPOUNDS*. 535(2012)

23. Fu Xiuli (符秀丽) , Zhu Na, Peng Zhijian. One-step synthesis and characterization of tree-like branched alpha-Si<sub>3</sub>N<sub>4</sub> nano/submicron-structures by pyrolysis of a polymer precursor. *SOLID STATE SCIENCES*. 14(2012)

24. Liu Weiqing, Volkov Evgeny, Xiao Jinghua (肖井华) , Zou Wei, Zhan Meng, Yang Junzhong (杨俊忠) .Inhomogeneous stationary and oscillatory regimes in coupled chaotic oscillators. *CHAOS*. 22(2012)

25. Wang Pan, Tian Bo (田播) , Liu Wenjun (刘文军) , Jiang Yan, Xue Yueshan. Interactions of breathers and solitons of a generalized variable-coefficient Korteweg-de Vries-modified Korteweg-de Vries equation with symbolic computation. *EUROPEAN PHYSICAL JOURNAL D*. 66(2012)

26. Li Xiaohua (李晓花) , Hou Zhenting. SUBGEOMETRIC RATES OF CONVERGENCE OF THE GI/G/1 QUEUEING SYSTEM. *ACTA MATHEMATICA SCIENTIA*. 32(2012)

27. Yang Yu, Gong Shangbao, Guo Yucui (郭玉翠) , Lei Min (雷鸣) , Yang Yan. A Complex Estimation Function based on Community Reputation for On-line Transaction Systems. *INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS*. 5(2012)

28. Wen Xiaoyong, Gao Yitian, Xue Yushan, Guo Rui, Qi Fenghua, Yu Xin. Integrable Hierarchy Covering the Lattice Burgers Equation in Fluid Mechanics: N-fold Darboux Transformation and Conservation Laws. *COMMUNICATIONS IN THEORETICAL PHYSICS*. 58(2012)

29. Yang Huijiang (杨胡江), Zhao Xiaohong (赵晓红), Wang Xin, Xiao Jinghua (肖井华). An undergraduate experiment for the measurement of the speed of sound in air: phenomena and discussion. *EUROPEAN JOURNAL OF PHYSICS*. 33(2012)

30. Chen Jianjun (陈建军), Li Zhi, Lei Ming (雷鸣), Fu Xiuli (符秀丽), Xiao Jinghua (肖井华), Gong Qihuang. Plasmonic Y-splitters of High Wavelength Resolution Based on Strongly Coupled-Resonator Effects. *PLASMONICS*. 7(2012)

31. Ma, Liwen (马利文). On some types of neighborhood-related covering rough sets. *INTERNATIONAL JOURNAL OF APPROXIMATE REASONING*. 53(2012)

32. Guo Rui, Tian Bo (田播), Wang Lei. Soliton solutions for the reduced Maxwell-Bloch system in nonlinear optics via the N-fold Darboux transformation. *NONLINEAR DYNAMICS*. 69(2012)

33. Wang Yufeng, Tian Bo (田播), Wang Pan, Li Min, Jiang Yan. Bell-polynomial approach and soliton solutions for the Zhiber-Shabat equation and (2+1)-dimensional Gardner equation with symbolic computation. *NONLINEAR DYNAMICS*. 69(2012)

34. Yan Jieyun (阎结昀). Strong exciton-plasmon interaction in semiconductor-insulator-metal nanowires. *PHYSICAL REVIEW B*. 86(2012)

35. Xue, Yushan, Tian Bo (田播), Ai Wenbao (艾文宝), Jiang Yan. Darboux transformation and Hamiltonian structure for the Jaulent-Miodek hierarchy. *APPLIED MATHEMATICS AND COMPUTATION*. 218(2012)

36. Wang Pan, Tian Bo (田播), Liu Wenjun (刘文军), Jiang Yan. Backlund Transformation and N-Soliton Solutions for the Cylindrical Nonlinear Schrodinger Equation from the Diverging Quasi-Plane Envelope Waves. *ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES*. 67(2012)

37. Wan Baohui, Zhang Peng (张鹏), Zhang Jing, Di Zengru, Fan Ying. Bootstrap

38. Cai Yanan, Cui Can, Shen Honglei, Liang Dayu, Li Peigang, Tang Weihua (唐为华). Effects of thermal treatments on the formation of nanocrystalline Si embedded in Si-rich oxide films. ACTA PHYSICA SINICA. 61(2012)
39. You Zhihong, Jiang Daya, Hou Zhibo, Xiao Jinghua (肖井华). Analysis of light scattered by a capillary to measure a liquid's index of refraction. AMERICAN JOURNAL OF PHYSICS. 80(2012)
40. Zhao Xinchao (赵新超), Song Boqian, Huang Panyu, Wen Zichao, Weng Jialei, Fan Yi. An improved discrete immune optimization algorithm based on PSO for QoS-driven web service composition. APPLIED SOFT COMPUTING. 12(2012)
41. Liu Weiqing, Xiao Jinghua (肖井华), Li Lixiang, Wu Ye (吴晔), Lu Min. Effects of gradient coupling on amplitude death in nonidentical oscillators. NONLINEAR DYNAMICS. 69(2012)
42. Li Lixiang, Xiao Jinghua (肖井华), Peng Haipeng, Yang Yixian, Chen Yuehua. Improving synchronous ability between complex networks. NONLINEAR DYNAMICS. 69(2012)
43. Wang Ming, Tian Bo (田播), Shan Wenrui, Lu Xing, Xue Yushan. Solitons and their collisions in the spinor Bose-Einstein condensates. NONLINEAR DYNAMICS. 69(2012)
44. Guo Rui, Tian Bo (田播). Integrability aspects and soliton solutions for an inhomogeneous nonlinear system with symbolic computation. COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION. 17(2012)
45. Chen Jianjun (陈建军), Wang Chen, Lu Guowei, Li Wenqiang, Xiao Jinghua (肖井华), Gong Qihuang. Highly efficient nanofocusing based on a T-shape micro-slit surrounded with multi-slits. OPTICS EXPRESS. 20(2012)
46. Wang Chuan (王川). Efficient entanglement concentration for partially entangled electrons using a quantum-dot and microcavity coupled system. PHYSICAL REVIEW A. 86
47. Wang Pan, Tian Bo (田播). Symbolic computation on the bright soliton solutions for the generalized coupled nonlinear Schrodinger equations with cubic-quintic

48. Li Mingjie, Orgun Mehmet A., Xiao Jinghua (肖井华) , Zhong Weicai, Xue Liyin. The impact of human activity patterns on asymptomatic infectious processes in complex networks. *PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS*. 391(2012)

49. Wang Shihong (王世红) , Hu Gang. Coupled map lattice based hash function with collision resistance in single-iteration computation. *INFORMATION SCIENCES*. 195(2012)

50. Dai Qionglin (代琼琳) , Li Haihong, Cheng Hongyan, Qian Xiaolan, Zhang Mei, Yang Junzhong (杨俊忠) .Conditional imitation might promote cooperation under high temptations to defect. *PHYSICAL REVIEW E*. 86(2012)

51. He Jianfeng, Peng Zhijian, Fu Zhiqiang, Wang Chengbiao, Fu Xiuli (符秀丽) .Effect of ZnO doping on microstructural and electrical properties of SnO<sub>2</sub>-Ta<sub>2</sub>O<sub>5</sub> based varistors. *JOURNAL OF ALLOYS AND COMPOUNDS*. 528(2012)

52. Han Qingyao, Tang Junchao, Zhang Chao, Wang Chuan (王川) , Ma Haiqiang, Yu Li, Jiao Rongzhen. The effects of local density of states on surface plasmon polaritons. *ACTA PHYSICA SINICA*. 61(2012)

53. Cai Yunfeng, Qian Jiang (钱江) , Xu Shufang. Robust partial pole assignment problem for high order control systems. *AUTOMATICA*. 48(2012)

54. Tian Yu (田玉) , Ge Weigao. Multiple periodic solutions for a class of non-autonomous hamiltonian systems with even-typed potentials. *JOURNAL OF DYNAMICAL AND CONTROL SYSTEMS*. 18(2012)

55. Zhang Chuanlin, Wang Chuan, Cao Cong, Zhang Ru (王川) . Multi-particle Entanglement Generation Using Quantum-Dot Spin and Optical Microcavity System. *CHINESE PHYSICS LETTERS*. 29(2012)

56. Liao Xin, Wen Qiaoyan, Zhang Jie (张劫) . A Novel Steganographic Method with Four-Pixel Differencing and Exploiting Modification Direction. *IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES*. E95A(2012)

57. Huang K., Lei Ming, Zhang R., Yang H. J., Yang Y. G. (雷鸣) .Low-temperature route

58. Zhang Jie (张勘), Song ShouChao, Du Jiao, Wen QiaoYan. On the construction of multi-output Boolean functions with optimal algebraic immunity. SCIENCE CHINA-INFORMATION SCIENCES. 55(2012)
59. Qu Qixing, Tian Bo (田播), Liu Wenjun, Wang Pan, Jiang Yan. Soliton solutions and Backlund transformation for the normalized linearly coupled nonlinear wave equations with symbolic computation. APPLIED MATHEMATICS AND COMPUTATION. 218(2012)
60. Li Min (雷鸣), Xiao Jinghua (肖井华), Liu Wenjun (刘文军), Jiang Yan, Tian Bo (田播). Triple Wronskian solutions of the coupled derivative nonlinear Schrodinger equations in optical fibers. COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION. 17(2012)
61. Meng H. L., Cui C., Shen H. L., Liang D. Y., Xue Y. Z., Li P. G., Tang W. H. (唐为华). Synthesis and photocatalytic activity of TiO<sub>2</sub>@CdS and CdS@TiO<sub>2</sub> double-shelled hollow spheres. JOURNAL OF ALLOYS AND COMPOUNDS. 527(2012)
62. Li He (李鹤), Meng Xianghua, Tian Bo (田播). BILINEAR FORM AND SOLITON SOLUTIONS FOR THE COUPLED NONLINEAR KLEIN-GORDON EQUATIONS. INTERNATIONAL JOURNAL OF MODERN PHYSICS B. 26(2012)
63. Wang Cong, Chu Lihua, Yao Qingrong, Sun Ying, Wu Meimei, Ding Lei, Yan Jun, Na Yuanyuan, Tang Weihua, Li Guannan, Huang Qingzhen, Lynn Jeffrey W. (唐为华). Tuning the range, magnitude, and sign of the thermal expansion in intermetallic Mn-3 (Zn, M)(x) N(M = Ag, Ge). PHYSICAL REVIEW B. 85(2012)
64. Yuan Wenjun, Li Yezhou (李叶舟), Lin Jianming. GROWTH OF ENTIRE SOLUTIONS OF ALGEBRAIC DIFFERENTIAL EQUATIONS. ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS. 94(2012)
65. Sun Fei, Peng Haipeng, Xiao Jinghua (肖井华), Yang Yixian. Identifying topology of synchronous networks by analyzing their transient processes. NONLINEAR DYNAMICS. 2 (2012)
66. Guo Weiqi, Tian Guihua (田贵花), Dong Kun. Solving the spheroidal wave equation with s=3/2 by super-symmetric quantum mechanic. ACTA PHYSICA SINICA. 61(2012)

67. Wu Ye (吴晔) , Wang Nianchuang, Li Lixiang, Xiao Jinghua (肖井华) . Anti-phase synchronization of two coupled mechanical metronomes. *CHAOS*. 22(2012)
68. Guo Yongjiang (郭永江) . Fluid approximation for generalized Jackson network with vacations. *FRONTIERS OF MATHEMATICS IN CHINA*. 7(2012)
69. Zhu Ping (朱萍) , Wen Qiaoyan. Entropy and co-entropy of a covering approximation space. *INTERNATIONAL JOURNAL OF APPROXIMATE REASONING*. 53(2012)
70. Qi Fenghua, Tian Bo (田播) , Lu Xing, Guo Rui, Xue Yushan. Darboux transformation and soliton solutions for the coupled cubic-quintic nonlinear Schrodinger equations in nonlinear optics. *COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION*. 17(2012)
71. Liu Licai, Tian Bo (田播) , Qin Bo, Lu Xing, Lin Zhiqiang, Liu Wenjun (刘文军) . Backlund transformation, superposition formulae and N-soliton solutions for the perturbed Korteweg-de Vries equation. *COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION*. 17(2012)
72. Li Da, Hu Gang, Wang Shihong (王世红) . A keyed hash function based on the modified coupled chaotic map lattice. *COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION*. 17(2012)
73. Lu Xing, Tian Bo (田播) , Qi Fenghua. Bell-polynomial construction of Backlund transformations with auxiliary independent variable for some soliton equations with one Tau-function. *NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS*. 13(2012)
74. Wu Ye (吴晔) , Liu Weiqing, Xiao Jinghua (肖井华) , Zou Wei, Kurths Juergen. Effects of spatial frequency distributions on amplitude death in an array of coupled Landau-Stuart oscillators. *PHYSICAL REVIEW E*. 85(2012)
75. Shi Xia (石霞) , Lu Qishao, Wang Haixia. IN-PHASE BURST SYNCHRONIZATION AND RHYTHM DYNAMICS OF COMPLEX NEURONAL NETWORKS. *INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS*. 22(2012)

76. Ma Jiajun, Guo Fenzhuo (郭奋卓) , Yang Qian, Li Yanbing, Wen Qiaoyan. SEMI-LOSS-TOLERANT STRONG COIN FLIPPING PROTOCOL USING EPR PAIRS. *QUANTUM INFORMATION & COMPUTATION*. 12(2012)

77. Chen Jianjun (陈建军) , Li Zhi, Yue Song, Xiao Jinghua (肖井华) , Gong Qihuang. Plasmon-Induced Transparency in Asymmetric T-Shape Single Slit. *NANO LETTERS*. 12(2012)

78. Zhou Qing (周清) , Ren Yong. Reflected backward stochastic differential equations with time delayed generators. *STATISTICS & PROBABILITY LETTERS*. 82(2012)

79. Meng Xianghua, Tian Bo (田播) , Xu Tao, Zhang Haiqiang. Backlund transformation and conservation laws for the variable-coefficient N-coupled nonlinear Schrodinger equations with symbolic computation. *ACTA MATHEMATICA SINICA-ENGLISH SERIES*. 28(2012)

80. Lei M. (雷鸣) , Fu X. L. (符秀丽) , Yang H. J., Wang Y. G., Li P. G., Hu Q. R., Tang W. H. (唐为华) . Ga-catalyzed growth of ZnSe nanowires and the cathodoluminescence and electric transport properties of individual nanowire. *MATERIALS CHEMISTRY AND PHYSICS*. 133 (2012)

81. Lei M. (雷鸣) , Fu X. L. (符秀丽) , Yang H. J., Wang Y. G., Zhang Y. B., Huang Y. T., Zhang L., . Synthesis of N-deficient indium nitride nanowires and their room-temperature ferromagnetism. *MATERIALS LETTERS*. 73(2012)

82. Zou Y. H., Li W. L., Wang S. L., Zhu H. W., Li P. G., Tang W. H. (唐为华) . Spin dependent electrical abnormal in TbFeO<sub>3</sub>. *JOURNAL OF ALLOYS AND COMPOUNDS*. 519(2012)

83. Liu Wenjun (刘文军) , Tian Bo (田播) . Symbolic computation on soliton solutions for variable-coefficient nonlinear Schrodinger equation in nonlinear optics. *OPTICAL AND QUANTUM ELECTRONICS*. 43(2012)

84. Guo Rui, Tian Bo (田播) , Lu Xing, Zhang Haiqiang, Liu Wenjun (刘文军) . Darboux transformation and soliton solutions for the generalized coupled variable-coefficient nonlinear Schrodinger-Maxwell-Bloch system with symbolic computation. *COMPUTATIONAL MATHEMATICS AND MATHEMATICAL PHYSICS*. 52(2012)

85. Qian Xiaolan, Yang Junzhong (杨俊忠) . Evolution of Cooperation in Evolutionary Games for Heterogeneous Interactions. *COMMUNICATIONS IN THEORETICAL PHYSICS*. 57(2012)

86. Sun Yue, **Tian Guihua** (田贵花), Dong Kun. Analytic solutions of the ground and excited states of the spin-weighted spheroidal equation in the case of  $s=2$ . *CHINESE PHYSICS B*. 21(2012)
87. **Tian Guihua** (田贵花). New WKB method in supersymmetry quantum mechanics. *CHINESE PHYSICS B*. 21(2012)
88. Zhang Qing, Tian Guihua, Sun Yue, **Dong Kun** (田贵花). Verification of the spin-weighted spheroidal equation in the case of  $s=1$ . *CHINESE PHYSICS B*. 21(2012)
89. **Yu Yihua** (余翊华), Liang Yuan. Joint Carrier Frequency Offset and Channel Estimation for MIMO-OFDM Systems Using Extended H-infinity Filter. *IEEE COMMUNICATIONS LETTERS*. 16(2012)
90. Liu Licai, **Tian Bo** (田播), Xue Yushan, Wang Ming, **Liu Wenjun**. Analytic solution for a nonlinear chemistry system of ordinary differential equations. *NONLINEAR DYNAMICS*. 68(2012)
91. Wan Miao, Li Lixiang, **Xiao Jinghua** (肖井华), Wang Cong, Yang Yixian. Data clustering using bacterial foraging optimization. *JOURNAL OF INTELLIGENT INFORMATION SYSTEMS*. 38(2012)
92. Li Hongzhe, **Tian Bo** (田播), Guo Rui, Xue Yushan, Qi Fenghua. Gauge transformation between the first-order nonisospectral and isospectral Heisenberg hierarchies. *APPLIED MATHEMATICS AND COMPUTATION*. 218(2012)
93. Jiang Yan, **Tian Bo** (田播), **Liu Wenjun** (刘文军), Sun Kun, Li Min, Wang Pan. Soliton interactions and complexes for coupled nonlinear Schrodinger equations. *PHYSICAL REVIEW E*. 85(2012)
94. **Liu Wenjun** (刘文军), **Xiao Jinghua** (肖井华), **Yan Jieyun** (阎结昀), **Tian Bo** (田播). Periodic waves in nonlinear metamaterials. *PHYSICS LETTERS A*. 376(2012)
95. **Lei M.** (雷鸣), **Fu X. L.** (符秀丽), **Zhang Y. B.**, **Yang H. J.**, **Huang Y. T.**, **Zhang L.**, **Wang Y. G.**. Synthesis of CoS nanoplates and their ferromagnetic properties. *MATERIALS LETTERS*. 71(2012)

96. Tian Yu (田玉), Ge Weigao. Multiple solutions of impulsive Sturm-Liouville boundary value problem via lower and upper solutions and variational methods. *JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS*. 387(2012)
97. Lei M. (雷鸣), Fu X. L. (符秀丽), Yang H. J., Wang Y. G., Zhang Y. B., Li P. G.. Solvothermal Route to S-Deficient CoS Nanoplates and Their Cathodoluminescence and Magnetic Properties. *JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY*. 12(2012)
98. Jiao Rongzhen (焦荣珍), Tang Shaojie, Zhang Chao. Analysis of statistical fluctuation in decoy state quantum key distribution system. *ACTA PHYSICA SINICA*. 61(2012)
99. Sun Kun, Tian Bo (田播), Liu Wenjun (刘文军), Jiang Yan, Qu Qixing, Wang Pan. Soliton dynamics and interaction in the Bose-Einstein condensates with harmonic trapping potential and time-varying interatomic interaction. *NONLINEAR DYNAMICS*. 67(2012)
100. Xue Yushan, Tian Bo (田播), Ai Wenbao (艾文宝), Qi Fenghua, Guo Rui, Qin Bo. Soliton interactions in a generalized inhomogeneous coupled Hirota-Maxwell-Bloch system. *NONLINEAR DYNAMICS*. 67(2012)
101. Lu Xing, Tian Bo (田播). Vector bright soliton behaviors associated with negative coherent coupling. *PHYSICAL REVIEW E*. 85(2012)
102. Xu Shujiang, Chen Xiubo, Zhang Ru (张茹), Yang Yixian, Guo Yucui (郭玉翠). An improved chaotic cryptosystem based on circular bit shift and XOR operations. *PHYSICS LETTERS A*. 376(2012)
103. Lei M. (雷鸣), Zhang Y. B., Fu X. L. (符秀丽), Yang H. J., Wang Y. G.. Selective growth of TiO<sub>2</sub> tips on CdSe nanowires. *JOURNAL OF ALLOYS AND COMPOUNDS*. 513(2012)
104. Zhu Tingxiang, Wu Ye (吴晔), Xiao Jinghua (肖井华). An efficient adaptive method of improving the synchronization of complex networks. *ACTA PHYSICA SINICA*. 61(2012)
105. Shuai Tianping (帅天平), Ai Wenbao (艾文宝). New algorithms for multicast routing and wavelength assignment in multi-hop optical WDM networks. *PHOTONIC NETWORK COMMUNICATIONS*. 23(2012)

106. Wu Ye (吴晔), Xiao Jinghua (肖井华), Hu Gang, Zhan Meng. Synchronizing large number of nonidentical oscillators with small coupling. *EPL*. 97(2012)

107. Xing Qingkai, Peng Zhijian, Wang Chengbiao, Fu Zhiqiang, Fu Xiuli (符秀丽). Doping effect of Y<sub>3+</sub> ions on the microstructural and electromagnetic properties of Mn-Zn ferrites. *PHYSICA B-CONDENSED MATTER*. 407(2012)

108. Guo Yongjiang (郭永江). On the fluid approximation for a multiclass queue under non-preemptive SBP service discipline. *ACTA MATHEMATICA SINICA-ENGLISH SERIES*. 28(2012)

109. Lu Xing, Tian Bo (田播), Zhang Haiqiang, Xu Tao, Li He (李鹤). Generalized (2+1)-dimensional Gardner model: bilinear equations, Backlund transformation, Lax representation and interaction mechanisms. *NONLINEAR DYNAMICS*. 67(2012)

110. Wang Shihong (王世红), Li Da, Zhou Hu. Collision analysis of a chaos-based hash function with both modification detection and localization capability. *COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION*. 17(2012)

111. Yan Jieyun (阎结昀), Li Lu, Xiao Jinghua (肖井华). Ring-like solitons in plasmonic fiber waveguides composed of metal-dielectric multilayers. *OPTICS EXPRESS*. 20(2012)

112. Wang Pan, Tian Bo (田播). Symbolic computation on soliton dynamics and Backlund transformation for the generalized coupled nonlinear Schrodinger equations with cubic-quintic nonlinearity. *JOURNAL OF MODERN OPTICS*. 59(2012)

113. Zhu Ping (朱萍). An Improved Axiomatic Definition of Information Granulation. *FUNDAMENTA INFORMATICAE*. 120(2012)

114. Zhu Ping (朱萍). An Improved Axiomatic Definition of Information Granulation. *FUNDAMENTA INFORMATICAE*. 120(2012)

115. Lai Hong, Xiao Jinghua (肖井华), Li Lixiang, Yang Yixian. Applying Semigroup Property of Enhanced Chebyshev Polynomials to Anonymous Authentication Protocol. *MATHEMATICAL PROBLEMS IN ENGINEERING*. 454823(2012)

116. Wang Xueli (王学丽), Chen Hua, Geng Zhi, Zhou Xiaohua. Using Auxiliary Data for

117. Liu W.J. (刘文军), Tian B. (田播), Li M., Wang P., Jiang Y., . PULSE COMPRESSION AND PEDESTAL SUPPRESSION FOR THE HIGH-ORDER SOLITONS. *JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS*. 26(2012)
118. Qi Jianming, Li Yezhou (李叶舟), Yuan Wenjun. Further results of the estimate of growth of entire solutions of some classes of algebraic differential equations. *ADVANCES IN DIFFERENCE EQUATIONS*. 6(2012)
119. Wang Chuan (王川). Nonlocal entanglement analysis using quantum dot and microcavity coupled system. *JOURNAL OF MODERN OPTICS*. 59(2012)
120. Liao Xin, Wen Qiaoyan, Zhao Zeli, Zhang Jie (张勘). A Novel Steganographic Method with Four-Pixel Differencing and Modulus Function. *FUNDAMENTA INFORMATICA*. 118(2012)
121. Heidarkhani Shapour, Tian Yu (田玉), Tang Chunlei. Existence of three solutions for a class of  $(p(1), \dots, p(n))$ -biharmonic systems with Navier boundary conditions. *ANNALES POLONICI MATHEMATICI*. 104(2012)
122. Wu Ye (吴晔), Ye Qihui, Li Lixiang, Xiao Jinghua (肖井华). Power-Law Properties of Human View and Reply Behavior in Online Society. *MATHEMATICAL PROBLEMS IN ENGINEERING*. 969087(2012)
123. Xu Tao, Tian Bo (田播), Qi Fenghua. Bright N-Soliton Solutions to the Vector Hirota Equation from Nonlinear Optics with Symbolic Computation. *ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES*. 67(2012)
124. Wang S. L., Zhu H. W., Tang W. H. (唐为华), Li P. G.. Propeller-Shaped ZnO Nanostructures Obtained by Chemical Vapor Deposition: Photoluminescence and Photocatalytic Properties. *JOURNAL OF NANOMATERIALS*. 594290(2012)
125. Lu Xing, Tian Bo (田播). Novel behavior and properties for the nonlinear pulse propagation in optical fibers. *EPL*. 97(2012)

126. Zhu Y., Li Y. (李叶舟), Zhang M., Yang J.. The oscillating two-cluster chimera state in non-locally coupled phase oscillators, *EPL*. 97(2012)
127. Liu Wenjun (刘文军), Tian Bo (田播), Xu Tao, Jiang Yan. Analytic study on bound solitons and soliton collisions for the coupled nonlinear Schrodinger equations. *JOURNAL OF MODERN OPTICS*. 59(2012)
128. Zhao Lu, Wen Qiaoyan, Zhang Jie (张劫), Jin Zhengping. On the 2-Adic Complexity of Periodic Binary Sequences. *IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES*. E95A (2012)
129. Hou Zhibo, Zhao Xiaohong (赵晓红), Xiao Jinghua (肖井华). A simple double-source model for interference of capillaries. *EUROPEAN JOURNAL OF PHYSICS*. 33 (2012)
130. Shan Wenrui (单文锐), Qi Fenghua, Guo Rui, Xue Yushan, Wang Pan, Tian Bo (田播). Conservation laws and solitons for the coupled cubic-quintic nonlinear Schrodinger equations in nonlinear optics. *PHYSICA SCRIPTA*. 85 (2012)