

一、代表性教改、科研论文

- [1] Ju-Kui Xue(薛具奎), Ai-Xia Zhang, Superfluid Fermi Gas in Optical Lattices: Self-Trapping, Stable, Moving Solitons and Breathers. Phys. Rev. Lett. 101, 180401 (2008)
- [2] Wei Qi, Ju-Kui Xue(薛具奎), Bloch band and Bloch waves of superfluid Fermi gases in optical lattices. Phys. Rev. A, 81, 013608 (2010)
- [3] Ai-Xia Zhang, Ju-Kui Xue(薛具奎), Coherent matter waves of a dipolar condensate in two-dimensional optical lattices. Phys. Rev. A, 82, 013606 (2010)
- [4] Lu Tie and Ju-Kui Xue(薛具奎), The tunneling dynamics of superfluid Fermi gases in an accelerating optical lattice. Phys. Rev. A, 82, 053623 (2010)
- [5] Jian-Jun Wang, Ai-Xia Zhang, Ju-Kui Xue(薛具奎), Two-component Bose-Einstein condensates in D-dimensional optical lattices. Phys. Rev. A, 81, 033607 (2010)
- [6] 柏小东 刘锐涵 刘璐 唐荣安 薛具奎, 一维光晶格中超流费米气体基态性质的研究. 物理学报, 59(11), 7581 (2010)
- [7] 陈海军 薛具奎, Bessel 型光晶格中双组分玻色-爱因斯坦凝聚体的基态解, 物理学报, 57, 3962(2008)
- [8] Lu, KP; Dou, FQ; Sun, JA; Duan, WS (段文山); Shi, YR, The adiabatic approximation solutions of cylindrical and spherical dust ion-acoustic solitary waves, Chin. Phys., 14 (1): 33-36 JAN 2005
- [9] Huang Lei, Sun Jian-An(孙建安), Dou Fu-Quan, Duan Wen-Shan. New variable separation solutions, localized structures and fractals in the (3+1)-dimensional Burgers system. Acta Physica Sinica, 2007, 2.
- [10] Dou Fuquan, Sun Jianan(孙建安), Duan Wenshan, Lü Kepu, Shi Yuren, Hong Xueren. New modified Jacobi elliptic function expansion method and its application to (3+1)-dimensional KP equation, Commun. Theor. Phys. 2006, 45:1063–1068.
- [11] 石玉仁、张娟、杨红娟、段文山, 组合 KdV 方程的双扭结孤立波及其稳定性研究, 2011.2, 物理学报, 60(2), 020402-1
- [12] 石玉仁、张娟、杨红娟、段文山, 耦合 KdV 方程的双峰孤立子及其稳定性, 2011.2, 物理学报, 60(2), 020401-1
- [13] 石玉仁、张娟、杨红娟、段文山, mKdV 方程的双扭结单孤子解及其稳定性研究, 2010.11, 物理学报, 59(11), 7564
- [14] 石玉仁、杨红娟, 同伦分析法在求解耗散系统中的应用, 2010.1, 物理学报, 59(1), 67
- [15] 杨红娟、石玉仁、段文山、吕克璞. 非线性演化方程孤立波的同伦分析法求解. 物理学报, 2007, 56(6): 3064
- [16] 石玉仁, 汪映海, 杨红娟, 段文山. 高维非线性演化方程孤立波的同伦分析法求解, 物理学报, 2007, 56(12): 6791
- [17] Xue-Ren Hong, Bai-Song Xie, Shan Zhang, Hai-Cheng Wu, Aimierding Aimidula, Xue-Yan Zhao, Ming-Ping Liu. High quality ion acceleration from a double-layer target dominated by the radiation pressure of a transversely Gaussian laser pulse, Phys. Plasmas, 2010, 17(10):103107
- [18] Xue-Ren Hong, Bai-Song Xie, Shan Zhang, Hai-Cheng Wu, Xue-Yan Zhao. Wakefield effects and solitary waves of an intense short laser pulse propagation in a plasma channel, Phys. Plasmas, 2011, 18(10):103106

二、其余教改、科研论文

- [1] Ai-Xia Zhang, Ju-Kui Xue(薛具奎), Sound waves and dynamics of superfluid Fermi gases in optical lattices. *Phys. Rev. A*, 80, 043617 (2009)
- [2] Ju-Kui Xue(薛具奎), Ai-Xia Zhang, Jie liu, Self-trapping of Bose-Einstein condensates in optical lattices: The effect of the lattice dimension. *Phys. Rev. A*, 77, 013602(2008)
- [3] Ju-Kui Xue(薛具奎), Guan-Qiang Li, Ai-Xia Zhang, Ping-Peng, Nonlinear mode coupling and resonant excitations in two-component Bose-Einstein condensates. *Phys. Rev. E*, 77, 016606(2008)
- [4] Ai-Xia Zhang, Ju-Kui Xue(薛具奎), Band structure and stability of Bose-Einstein condensates in optical lattices with two and three-atom interactions. *Phys. Rev. A* 75, 013624 (2007)
- [5] Guan-Qiang Li, Li-Bin Fu, Ju-Kui Xue(薛具奎), Xu-Zong Chen, and Jie Liu, Collective excitations of a Bose-Einstein condensate in an anharmonic trap, *Phys. Rev. A* 74, 055601 (2006)
- [6] Ju-Kui Xue(薛具奎), Comment on "Stable and unstable vector dark solitons of coupled nonlinear Schrödinger equation: Application to two-component Bose-Einstein condensates, *Phys. Rev. E* 73, 028601 (2006)
- [7] Ju-Kui Xue(薛具奎), Head-on collision for dust acoustic waves. *Phys. Rev. E* 69, 016403(2004)
- [8] Ke-Zhi Zhang, Ju-Kui Xue(薛具奎), Streaming instability in bounded three-components quantum plasmas. *Phys. Plasma*, 17, 032113(2010)
- [9] Zhi Li, Ai-Xia Zhang, Juan Ma, Ju-Kui Xue(薛具奎), Coherent spin-mixing and wave packets dynamics of spin-1 condensates in optical lattices. *Phys. Lett. A* 374, 1401 (2010)
- [10] LI Hao-Cai, CHEN Hai-Jun, XUE Ju-Kui(薛具奎), *CHIN. PHYS. LETT.* 27, 030304 (2010)
- [11] 张科智, 王建军, 刘国荣, 薛具奎, 双组份 BECs 在光晶格中隧穿动力学与周期调制效应. *物理学报*, 59, 39 (2010)
- [12] Juan Ma, Li Zhi, Ju-Kui Xue(薛具奎), Critical rotation of an anharmonically trapped Bose-Einstein condensate. *Chinese Physics B*, 18(10), 1674(2009).
- [13] YONG Wen-Mei, WEI Xiu-Fang, ZHOU Xiao-Yan, and XUE Ju-Kui (薛具奎), Stability and Collective Excitation of Two-Dimensional BECs with Two- and Three-Body Interactions in an Anharmonic Trap. *Commun. Theor. Phys.* 51, 433 (2009).
- [14] Rong-An Tang a, Ya-Li Liu, Ju-Kui Xue, An extended active control for chaos synchronization. *Physics Letters A* 373, 1449 (2009).
- [15] Ai-Xia Zhang, Ju-Kui Xue(薛具奎), The dynamics and stabilities of Bose-Einstein condensates in deep optical lattices. *Phys. Lett. A*, 372, 1147(2008)
- [16] Hao-Cai Li, Hai-Jun Chen, Ju-Kui Xue(薛具奎), Analytical studies of two-component Bose-Einstein condensates in two-dimensional optical lattices. *Phys. Lett. A*, 372, 2746(2008)
- [17] CHEN Hai-Jun, LI Hao-Cai, and XUE Ju-Kui(薛具奎), Stability of Two-Component Bose-Einstein Condensates in Bessel Optical Lattices. *Commun. Theor. Phys.* 49, 1519 (2008)
- [18] Wen-Mei Yong and Ju-Kui Xue(薛具奎), Weak nonlinear matter waves in a trapped two-component Bose-Einstein condensates. *Phys. Scr.* 77 (2008) 035002
- [19] Mu Ai-Xia, Zhou Xiao-Yan, and Xue Ju-Kui(薛具奎), The dynamics of triple-well trapped Bose-Einstein Condensates with atoms feeding and loss effects. *Chinese Physics B*, 17, 764(2008)
- [20] WEI Xiu-Fang, TANG Rong-An, YONG Wen-Mei, XUE Ju-Kui(薛具奎), Nonlinear Landau-Zener Tunneling with Two and Three-Body Interactions. *CHIN. PHYS. LETT.* Vol. 25, No. 5 (2008) 1564
- [21] Shi-Ling Tian, Rong-An Tang, and Ju-Kui Xue(薛具奎), Waves in a bounded two component electron-dust plasma. *Phys. Plasmas* 15, 043703 (2008)
- [22] ZHANG Ai-Xia, TIAN Shi-Ling, TANG Rong-An, XUE Ju-Kui, Tunnelling Dynamics of Bose-Einstein Condensates in a Five-Well Trap, *CHIN. PHYS. LETT.* 25, 3566(2008)
- [23] LI Guan-Qiang, PENG Ping, LIU Jian-Ke, and XUE Ju-Kui(薛具奎), Collective Excitations and Nonlinear Dynamics of 1D BEC with Two- and Three-body Interactions in Anharmonic Traps. *Commun. Theor. Phys.*, 50, 1129 (2008)

- [24] Ping Peng, Guan-Qiang Li, Ju-Kui Xue(薛具奎), Collisional phase shifts of ring dark solitons in inhomogeneous Bose–Einstein condensates. *Phys. Lett. A*, 365 (2007) 458
- [25] Zhou Xiao-Yan, Mu Ai-Xia, and Xue Ju-Kui(薛具奎), The stability of Bose–Einstein condensates in a two-dimensional shallow trap. *Chinese Physics* ,16,3197(2007)
- [26] Li-Ping Zhang and Ju-Kui Xue(薛具奎), Continuous feedback control of KdV Burgers system, *Chinese Physics* ,16,2264(2007)
- [27] Li-Ping Zhang and Ju-Kui Xue(薛具奎), A nonlinear Zakharov–Kuznetsov equation in magnetized dusty plasmas with dust charge fluctuation and dust size distribution, *Physica Scripta* . , 76,238(2007)
- [28] Nan-Xia Wei, Ju-Kui Xue(薛具奎), Low frequency electrostatic waves in a cylindrically bounded dusty magnetoplasma with nonadiabatic dust charge fluctuation. *Phys. Plasmas*14, 053701(2007)
- [29] Ju-Kui Xue(薛具奎) , Li-Ping Zhang, Non-linear waves in complex plasma. *Chaos, Solitons and Fractals* 32, 592–597 (2007)
- [30] Ju-Kui Xue(薛具奎), Bose-Einstein condensates in a ring optical lattices. *Phys. Lett. A*,358 (2006) 74–79
- [31] Nan-Xia Wei, Ju-Kui Xue(薛具奎), Bounded dust-acoustic waves in a cylindrical bounded collisional dusty plasma with dust charge variation . *Phys. Plasmas*13, 052101 (2006)
- [32] Ju-Kui Xue(薛具奎), Peng Ping, Head-on collision of ring dark soliton in Bose-Einstein condensates. *Chinese Phys.* 15, 1149 (2006)
- [33] Ju-Kui Xue(薛具奎) , Li-Ping Zhang(张丽萍), Nonlinear waves in nonplanar and nonuniform dusty plasmas, *Phys. Plasmas*13, 022104 (2006)
- [34] Rong-An Tang(唐荣安), Ju-Kui Xue(薛具奎), Chaotic synchronization by replacing nonlinear terms with signals. *Chaos, Solitons and Fractals* 28, 228(2006)
- [35] Ju-Kui Xue(薛具奎), Interaction of solitary waves in magnetized warm dusty plasmas with dust charging effects, *Chinese Phys.* 15, 0562 (2006)
- [36] Ju-Kui Xue(薛具奎), The dynamics of ring dark soliton in inhomogeneous Bose-Einstein condensates. *Eur. Phys. J. D*,37, 241(2006)
- [37] Ju-Kui Xue(薛具奎), Controllable compression of bright soliton matter waves. *J. Phys. B: At. Mol. Opt. Phys.* 38, 3841–3848 (2005)
- [38] Ju-Kui Xue(薛具奎), Modulational instability of the trapped Bose–Einstein condensates. *Phys. Lett. A* 341 (2005) 527–531
- [39] Ju-Kui Xue(薛具奎), Interaction of ring dark solitons with ring impurities in Bose–Einstein condensates. *J. Phys. B: At. Mol. Opt. Phys.* 38 (2005) 671–681
- [40] Ju-Kui Xue(薛具奎), A cylindrical Davey–Stewartson equation for a modulated cylindrical wave packet. *Phys. Plasmas*12, 092107 (2005)
- [41] Li-Ping Zhang(张丽萍), Ju-Kui Xue(薛具奎), The instability of electrostatic wave in a magnetized dusty plasma with nonadiabatic dust charge fluctuation. *Chinese Physics.* 14,2052(2005)
- [42] Ju-Kui Xue(薛具奎), Non-linear waves in non-planar inhomogeneous dusty plasmas. *Eur. Phys. J. D* 33, 433-435(2005)
- [43] Ju-Kui Xue(薛具奎), Modulation of magnetized multidimensional waves in dusty plasma. *Phys. Plasmas*12, 062313 (2005)
- [44] Li-Ping Zhang and Ju-Kui Xue(薛具奎), Shock wave in magnetized dusty plasmas with dust charging and nonthermal ion effects. *Phys. Plasmas* 12, 042304 (2005)
- [45] Ju-Kui Xue(薛具奎), Nonplanar dust-ion acoustic shock waves with transverse perturbation. *Phys. Plasmas*12, 012314 (2005)
- [46] Li-Ping Zhang(张丽萍), Ju-Kui Xue(薛具奎), Effects of the dust charge variation and non-thermal ions on multi-dimensional dust acoustic solitary structures in magnetized dusty plasmas. *Chaos, Solitons and Fractals* 23, 550 (2005).
- [47] Ju-Kui Xue(薛具奎), Head-on collision for dust acoustic waves. *Phys. Rev. E* 69, 016403(2004)
- [48] Ju-Kui Xue(薛具奎), Cylindrical and spherical ion-acoustic solitary waves with dissipative effect. *Phys. Lett. A*322, 225(2004)

- [49] Ju-Kui Xue(薛具奎), Modulational instability of multi-dimensional dust ion-acoustic waves. Phys. Lett. A330, 390(2004)
- [50] Ju-Kui Xue(薛具奎), Head-on collision of blood solitary waves. Phys. Lett. A331, 409(2004)
- [51] Ju-Kui Xue(薛具奎), The nonlinear evolution of ring dark solitons in Bose–Einstein condensates. J. Phys. A: Math. Gen. 37, 11223–11228 (2004)
- [52] Ju-Kui Xue(薛具奎), Interaction of the non-planar dust ion-acoustic solitary waves. Europhys. Lett., 68 (5), pp. 645–651 (2004)
- [53] Ju-Kui Xue(薛具奎), Propagation of nonplanar dust-acoustic envelope solitary waves. Physics of Plasmas. 11, 1860-1865(2004)
- [54] Rong-An Tang(唐荣安), Ju-Kui Xue(薛具奎), Nonthermal electrons and warm ions effects on oblique modulation of ion-acoustic waves. Physics of Plasmas. 11, 3939-3944(2004)
- [55] Ju-Kui Xue(薛具奎), Reply on Kadomtsev-Petviashvili (KP) Burgers equation in a dusty plasmas with non-adiabatic dust charge fluctuation. The European Physical Journal D, 29(2), 283 (2004)
- [56] Ju-Kui Xue(薛具奎), Electrostatic waves in inhomogeneous dusty plasmas with grain charge fluctuation. Chaos, Solitons & Fractals., 19(4), 971-975 (2004)
- [57] Ju-Kui Xue(薛具奎), Lang He(郎和), The KP and ZK equations for electrostatic waves with grain charge fluctuation. Chinese Physics. 13, 60-64(2004)
- [58] Ju-Kui Xue(薛具奎), Lang He(郎和), Modulational instability of cylindrical and spherical dust ion-acoustic waves. Physics of Plasmas. 10(2), 339-342(2003)
- [59] Ju-Kui Xue(薛具奎), Cylindrical dust acoustic waves with transverse perturbation. Physics of Plasmas. 10(8), 3430-3431 (2003)
- [60] Ju-Kui Xue(薛具奎), Cylindrical and spherical dust ion acoustic shock waves. Physics of Plasmas. 10(12), 4893(2003).
- [61] Rong-An Tang(唐荣安), Ju-Kui Xue(薛具奎), Stability of oblique modulation of dust-acoustic waves in a warm dusty plasma with dust charge variation. Physics of Plasmas. 2003, 10(9), 3800-3803.
- [62] Ju-Kui Xue(薛具奎), A spherical KP equation for dust acoustic waves. Phys. Lett. A , 314, 479-483(2003)
- [63] Ju-Kui Xue(薛具奎), Modulation of dust acoustic waves with non-adiabatic dust charge fluctuations, Phys. Lett. A, 320 (2003) 226–233
- [64] Ju-Kui Xue(薛具奎), Kadomtsev-Petviashvili (KP) Burgers equation in a dusty plasmas with non-adiabatic dust charge fluctuation. The European Physical Journal D, 26, 211-214 (2003)
- [65] Ju-Kui Xue(薛具奎), Modulational instability of ion-acoustic waves in a plasma consisting of warm ions and non-thermal electrons. Chaos, Solitons & Fractals 18(4), 849-853. (2003)
- [66] Ju-Kui Xue(薛具奎), Rong-An Tang(唐荣安), Oblique Modulation of Ion-Acoustic Waves in a Warm Plasma. Physica Scripta. , 67,74 –76(2003)
- [67] Ju-Kui Xue(薛具奎), Nonlinear dust kinetic Alfvén waves in warm dusty plasmas. Physica Scripta. , 2003, 68, 394 –398
- [68] Ju-Kui Xue(薛具奎), Lang He(郎和), Modulational instability of ion-acoustic waves in a warm plasma with a relativistic electron beam. Communications in Theoretical Physics. 39,465-468 (2003)
- [69] Ju-Kui Xue(薛具奎), Modulational instability of the dust ion acoustic waves in a collisional dusty plasma. Communications in Theoretical Physics. 40, 717–720, (2003)
- [70] Ju-Kui Xue(薛具奎), Lang He(郎和), Effect of dust charge variation on dust-acoustic solitary waves in a magnetized two-ion-temperature dusty plasma. Chinese Physics. , 12, 538-541 (2003)
- [71] Ju-Kui Xue(薛具奎), Duan Wenshan, Lang He, Modulational instability of ion-acoustic waves in a warm plasma. Chinese Physics. , 11(11), 1184-1187 (2002)
- [72] Ju-Kui Xue(薛具奎), Hu Yinqiao (胡隐樵), Numerical simulating for oasis-desert interaction. Advances in Nature Science., 11(9),675-680 (2001)
- [73] 薛具奎, 胡隐樵, 对流边界层大涡自组织过程的数值研究。力学学报, 34(6),970-976

(2002)

- [74] 薛具奎, 胡隐樵, 绿洲—沙漠相互作用的数值研究。自然科学进展, 11(5),514 (2001)
- [75] 薛具奎, 非定常不可压 N-S 方程的一种有效预处理数值方法。水动力学研究与进展(A 辑), 17, 729-737 (2002)
- [76] 薛具奎, 对求解不可压非定常流的预处理方法的研究。计算物理, 19(5),403-407(2002)
- [77] 薛具奎, 胡隐樵, 对流涡胞自组织过程的数值研究。高原气象, 21(4),354-358 (2002)
- [78] 薛具奎, 胡隐樵, 对流边界层的 Lyapounov 稳定性分析。高原气象, 19 (2) ,235-243 (2000)
- [79] Ju-Kui Xue(薛具奎), Research of accuracy and convergence of TVD algorithm for high-speed viscous flow. Numerical Methods in Laminar and Turbulent flow. ,9(1)(1995)
- [80] Ju-Kui Xue(薛具奎), A time-dependent space marching algorithm for three-dimensional PNS equations. Computational Fluid Dynamics. (selected topics), Springer, 1995.
- [81] 薛具奎, 推进—迭代算法计算效率的研究。力学学报, 26 (4) (1994)
- [82] 薛具奎, 迎风通量差分分裂法对边界层特性的数值模拟。力学学报, 1992, 24 (3)
- [83] Ju-Kui Xue(薛具奎), Ru-Quan Wang, An efficient algorithm for hypersonic viscous flows. ACTA MECHANICA SINICA, 7(3)(1991)
- [84] 薛具奎, 王汝权, 高超音速粘性流的快速算法。力学学报, 23 (6) (1991)
- [85] 薛具奎, 王汝权, 凹型钝头体超音速粘性流场的数值模拟。计算物理, 7 (4) (1990)
- [86] 孙建安, 豆福全, 段文山等. 一类非线性演化方程的新精确周期解, 兰州理工大学学报 (自然科学版), 2005, 31: 134-137.
- [87] 孙建安, 陈继宇等. 用调和微分求积法数值求解 Burgers 方程. 西北师范大学学报(自然科学版). 2009, 5.
- [88] 刘万海, 孙建安等. 用五次 B 样条 Galerkin 有限元方法求 Burgers 方程的数值解. 西北师范大学学报(自然科学版). 2009, 2.
- [89] 刘兴霞, 孙建安等. 四次 B 样条 Galerkin 有限元方法求解 KdV 方程. 西北师范大学学报(自然科学版). 2008, 4.
- [90] 石玉仁、张娟、杨红娟、段文山、Karl E. Lonngren, Investigation on the resonance phenomena of multi-solitons for the (3+1)-dimensional Kadomtsev-Petviashvili equation, 2011.1, Chinese Physics B, 20(1), 015205-1
- [91] 石玉仁、张娟、李东升、耿碧玉, 弹簧螺旋摆系统非线性振动的理论研究, 2010. 10, 大学物理, 29(10), 3
- [92] 石玉仁、张娟、王彩云、耿碧玉、南伟伟、刘娟, 双弹簧振子非线性振动的理论研究, 2010.5, 西北师范大学学报(自然科学版), 46(5), 28
- [93] 石玉仁, 许新建, 吴枝喜, 汪映海, 杨红娟, 吕克璞, 段文山. 含时线性势 Gross-Piteavskii 方程的孤立波解. 兰州大学学报(自然科学版). 2007, 43(4): 131
- [94] 石玉仁, 汪映海, 杨红娟, 段文山, 吕克璞. KdV 方程的同伦分析法求解. 兰州大学学报(自然科学版). 2007, 43(6): 92
- [95] 石玉仁, 汪映海, 杨红娟, 吕克璞, 段文山. 广义变系数 Burgers 方程的精确解. 华东师范大学学报(自然科学版). 2006, 5: 27
- [96] 石玉仁, 杨红娟, 吕克璞, 段文山. 忒塔函数在求解非线性演化方程中的应用. 西北师范大学学报(自然科学版). 2007, 43(1): 29
- [97] 杨红娟, 吕克璞, 段文山, 石玉仁. 变系数(3+1)维 ZK 方程的变速孤立波解. 西北师范大学学报(自然科学版). 2007, 43(2): 38
- [98] 石玉仁, 杨红娟, 段文山, 吕克璞. 柱 Burgers 方程和球 Burgers 方程的解析解. 西北师范大学学报(自然科学版). 2007, 43(4): 37
- [99] 石玉仁, 薛具奎. 弹簧摆的混沌行为. 西北师范大学学报(自然科学版). 2001, 37(3): 91
- [100] Ming-Ping Liu, Hai-Cheng Wu, Bai-Song Xie, Xue-Ren Hong, Shan Zhang, and
- [101] M. Y. Yu, Electron acceleration by intense short laser pulse in the preplasma of a target, Physics of Plasmas, 16, 083104 (2009).
- [102] Hai-Cheng Wu, Bai-Song Xie, Ming-Ping Liu, Xue-Ren Hong, Shan Zhang, and M. Y. Yu, Electron trajectories and betatron oscillation in the wake bubble in laser-plasma interaction,

- Physics of Plasma 16, 073108(2009).
- [103] Jun Li, Bai-Song Xie, Hai-Bo Sang, Xue-Ren Hong, Shan Zhang, and M. Y. Yu, Nonlinear laser-driven electron resonance acceleration in an inhomogeneous magnetic field, Applied Physics Letters 95, 161105 (2009).
 - [104] Cang-Long Wang, Wen-Shan Duan, Xue-Ren Hong, and Jian-Min Chen, Applied Physics Letters 93, 153116(2008).
 - [105] 洪学仁, 段文山, 孙建安, 付宇伟, 杨晓贤, 穆爱霞. 热尘埃等离子体中尘埃声波的调制不稳定性, 西北师范大学学报(自然科学版), 2005, 42 (6): 62-64.
 - [106] Fu Quan Dou, Jianan Sun, Wenshan Duan, Kepu Lv. Controlling hyperchaos in the new hyperchaotic system, Communications in Nonlinear Science and Numerical Simulation. 2009, 14:552-559.
 - [107] Dou Fuquan, Sun Jianan, Duan Wenshan. Anti-synchronization of in different hyperchaotic systems, Commun. Theor. Phys. 2008, 50:907-912.
 - [108] Fu-quan Dou, Jian-an Sun, Wen-shan Duan, Ke-pu Lv. Anti-synchronization of a new hyperchaotic system, Phys. Scr. 2008, 78:015007.
 - [109] Dou Fuquan, Sun Jianan, Duan Wenshan, Lv Kepu. New periodic wave solutions, localized excitations and their interaction properties for (3+1)-dimensional Jimbo-Miwa equation, Commun. Theor. Phys. 2007, 48:584-590.
 - [110] Dou Fuquan, Sun Jianan, Duan Wenshan, Lv Kepu, Shi Yuren, Hong Xueren. New modified Jacobi elliptic function expansion method and its application to (3+1)-dimensional KP equation, Commun. Theor. Phys. 2006, 45:1063-1068.
 - [111] 豆福全, 孙建安, 段文山. 一个具有双混沌吸引子的系统——Newton-Leipnik 混沌系统的反同步. 西北师范大学学报(自然科学版) 2009, 45(4):27-32
 - [112] 豆福全, 蒋丽莉, 孙建安, 段文山. 一个类 Lorenz 系统的混沌控制及其同步. 西北师范大学学报(自然科学版) 2008, 44(5):20-24.
 - [113] 豆福全, 孙建安, 段文山, 吕克璞. 一个新系统中混沌吸引子的形成机制及其混沌控制版. 西北师范大学学报(自然科学) 2008, 44(1):34-37.
 - [114] 豆福全, 孙建安, 黄磊, 段文山, 吕克璞. (2+1)维广义 Nizhnik-Novikov-Veselov 方程的新周期波、局域激发之间的相互作用. 西北师范大学学报(自然科学版) 2007, 43(3):27-33.
 - [115] 豆福全, 孙建安, 段文山, 吕克璞. (2+1) 维破裂孤子方程的新周期解及其局域激发. 西北师范大学学报(自然科学版) 2007, 43(1):34-38.
 - [116] 豆福全, 孙建安, 段文山, 吕克璞, 洪学仁, 石玉仁. Zakharov 方程的多级包络周期解. 西北师范大学学报(自然科学版) 2006, 42(4):38-43.
 - [117] 豆福全, 孙建安, 石玉仁, 吕克璞, 段文山, 洪学仁. 5 阶 mKdV 方程的新精确周期解. 西北师范大学学报(自然科学版) 2004, 40(4):40-44.
 - [118] 豆福全, 吕克璞, 孙建安. 非线性 Schrodinger 方程的约化摄动分析. 西北师范大学学报(自然科学版) 2004, 40(2):31-34
 - [119] 豆福全, 孙建安, 吕克璞, 朱光华, 洪学仁. Gardner 方程的自相似解. 西北师范大学学报(自然科学版) 2004, 40(1):35-37.
 - [120] Q. H. Yuan, G. Q. Yin, Y. Xin, and Z. Y. Ning, Effects of gas pressure on 60/13.56 MHz dual-frequency capacitively coupled plasmas, PHYSICS OF PLASMAS 18, 053501 (2011)