



**【基本情况】** 栗生长 (1983-), 男, 甘肃庆阳人, 毕业于中国工程物理研究院 (北京应用物理与计算数学研究所), 博士, 副教授, 硕士生导师, 长期从事冷原子物理、等离子体物理和非线性物理方面的理论研究。

**【研究方向】** 1) 冷原子及玻色-爱因斯坦凝聚 (BEC) 的动力学特性、几何相位和量子相变; 2) 等离子体及其他复杂系统的非线性动力学及其控制。

**【科研成果】** 在 Phys. Rev. A、Phys. Rev. E、Europhys. Lett.、Phys. Plasmas、J. Phys. B 等主流学术期刊发表第一作者 SCI 收录论文 20 多篇, 论文被引 300 余次, H 因子 9。

**【科研项目】** 主持国家自然科学基金 1 项、教育部博士点基金 1 项、陕西省自然科学基金 1 项, 参与国家自然科学基金多项。

**【联系方式】** E-mail: [scli@mail.xjtu.edu.cn](mailto:scli@mail.xjtu.edu.cn)

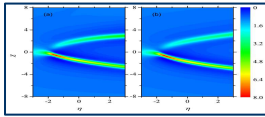
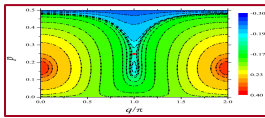
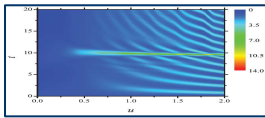
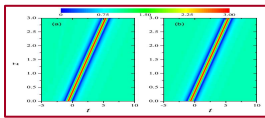
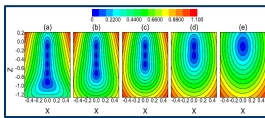
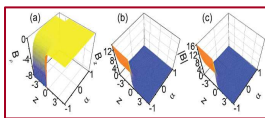
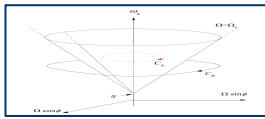
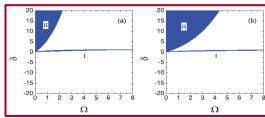
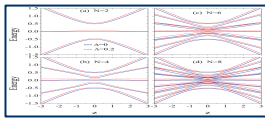
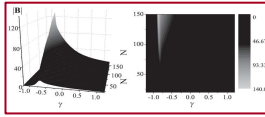
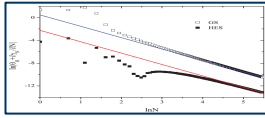
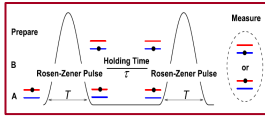
电话: 15929985153

QQ: 306776517

**【兴趣爱好】** 书法、绘画、篆刻、民族艺术等, 附拙作两幅



## 【代表性论文】



[1] [S. C. Li, L. B. Fu, W. S. Duan, and J. Liu, Nonlinear Ramsey interferometry with Rosen-Zener pulses on a two-component Bose-Einstein condensate. \*Phys. Rev. A\* 78, 063621 \(2008\).](#)

[2] [S. C. Li, J. Liu, and L. B. Fu, Berry phase and Hannay angle of an interacting boson system. \*Phys. Rev. A\* 83, 042107 \(2011\).](#)

[3] [S. C. Li and L. B. Fu, Quantum phase transition from mixed atom-molecule phase to pure molecule phase: Characteristic scaling laws and Berry-curvature signature. \*Phys. Rev. A\* 84, 023605 \(2011\).](#)

[4] [S. C. Li, L. B. Fu, and J. Liu, Adiabatic geometric phase for a Bose-Einstein condensate coupled to a cavity. \*Phys. Rev. A\* 84, 053610 \(2011\).](#)

[5] [F. O. Dou, S. C. Li, H. Cao, and L. B. Fu, Creating pentamer molecules by generalized stimulated Raman adiabatic passage. \*Phys. Rev. A\* 85, 023629 \(2012\).](#)

[6] [S. C. Li, L. B. Fu, and F. L. Li, Quantum phase transition in a three-level atom-molecule system. \*Phys. Rev. A\* 88, 013602 \(2013\).](#)

[7] [S. C. Li and L. C. Zhao, Role of asymmetry in the geometric phase of a coupled atom-heteronuclear molecule system. \*Europhysics Lett.\* 104, 66002 \(2013\).](#)

[8] [S. C. Li, L. B. Fu, and J. Liu, Virtual monopoles in a bosonic atom-diatomic-molecule system. \*Phys. Rev. A\* 89, 023628 \(2014\).](#)

[9] [L. C. Zhao, S. C. Li, and L. Ling, Rational W-shaped solitons on a continuous-wave background in the Sasa-Satsuma equation. \*Phys. Rev. E\* 89, 023210 \(2014\).](#)

[10] [S. C. Li and F. Q. Dou, Matter-wave interactions in two-component Bose-Einstein condensates. \*Europhysics Lett.\* 111, 30005 \(2015\).](#)

[11] [S. C. Li and C. Ye, Dynamic stabilization of a coupled ultracold atom-molecule system. \*Phys. Rev. E\* 92, 062147 \(2015\).](#)

[12] [L. C. Zhao, S. C. Li, and L. Ling, W-shaped solitons generated from a weak modulation in the Sasa-Satsuma equation. \*Phys. Rev. E\* 93, 032215 \(2016\).](#)