绍兴文理学院 | 数理信息学院
SHAOXING UNIVERSITY | SCHOOL OF MATHEMATICAL INFORMATION

博学、求真、创新

首页　新闻中心　学院概况　师资专栏　人才培养　科学研究　党建工作　招生就业　学生工作　校友风采　社会服

副教授

教授 〉

副教授 〉

博士 〉

教师名录 〉

人才招聘 〉

副教授

任博

2013-09-30 00:00　审核人:

任博，副教授.

2012年获上海交通大学粒子物理与原子核物理博士学位. 同年，在绍兴文理学院数理信息学院工作. 主要从事非线性可积系统和超标准模型理论的研究，
Phys. Lett. B, Phys. Rev. E, JHEP, J. Math. Phys. 等杂志上发表30余篇学术论文，其中论文 "Hints of standard model Higgs boson at the LHC
matter searches"（Phys. Rev. D**85**（2012）9）入选了 "2012年中国百篇最具影响国际学术论文". 论文 "Large dimuon asymmetry in Bs-Bs mixing f:
induced Gamma"（Phys. Lett. B**698**（2011）231）被国际知名科学/科技新闻杂志New Scientist刊登文章报道. 项目名称为 "非线性偏微分方程的近似和
省高校优秀科研成果奖一等奖（排名第三）.
电子邮箱: renbosemail@163.com.
近年来主持的项目:
1. 超对称可积系统：玻色化与精确解，浙江省自然科学基金(LQ13A050001)，2013.01-2015.12主持22万.
2. 超对称可积系统的可积性及其解的构造，国家自然科学基金(11305106)，2014.01-2016.12主持5万.
代表性文章:
1. Bo Ren, Jun Yu and Xi-Zhong Liu, Nonlocal symmetries and interaction solutions for potential Kadomtsev－Petviashvili equation, Commu
65(2016) 341.
2. Bo Ren, Interaction solutions for mKP equation with nonlocal symmetry reductions and CTE method, Phys. Scr. 90 (2015) 065206.
3. Bo RenandJi Lin, Interaction behaviours between soliton and cnoidal periodic waves for the cubic generalised Kadomtsev-Petviashvi
Naturforsch. 70a(2015) 539.
4. Bo Ren, Exact Solutions for the N=2 supersymmetric KdV equation with the Bosonization approach, Chinese J. Phys. 53 (2015) 56.
5. Bo Ren, Xi-Zhong Liu and Ping Liu, Nonlocal smmetry reductions, CTE method and exact solutions for higher-order KdV equation, Commu
63 (2015)125.
6. Bo Ren, Painlevé analysis and exact solutions of bosonized N=1 supersymmetric Burgers equation, Open Phys. 13 (2015) 205.
7. Bo Ren, Jun YuandXi-Zhong Liu, New interaction solutions of (3+1)-dimensional KP and (2+1)-dimensional Boussinesq equations, Abstr.
(2015)213847.
8. Bo Ren, Xiao-Nan Gao, Jun YuandPing Liu, Exact solutions of supersymmetric Burgers equation with Bosonization procedure, Open Math.
9. Bo Ren, Jian-Rong Yang, Ping Liu and Xi-Zhong Liu, Bosonization, Painlevéproperty, and exact solutions for the N=1 supersymmetric
equation, Chinse J. Phys. 53 (2015) 080001.
10. Bo Ren, Jun Yu and Zhi-Mei Lou, High dimensional Schwartz Caudrey-Dobb Gibbon system: Painlevé integrability and exact solutions;
Modern Physics 1(2015) 11.
11. Jian-Yong Wang, Xue-Ping Cheng, Xiao-Yan Tang, Jian-Rong Yang and Bo Ren, Oblique propagation of ion acoustic soliton-cnoidal wav
magnetized electron positron-ion plasma with superthermal electrons, Phys. Plasma. 21 (2014) 032111.
12. Bo RenandJian-Yong Wang, Full symmetry groups and exact solutions to BKP and GKP equations, Physics Research International 2014 (2
13. Bo Ren, Ji LinandJun Yu, Supersymmetric Ito equation: Bosonization and exact solutions, AIP Advances 3 (2013) 042129.
14. Bo Ren, Jian-Yong Wang and Jun Yu, Ji Lin, Finite symmetry transformation groups and exact solutions of three generalized breakin;
equations, Chinese J. Phys. 51 (2013) 1.
15. Guan-Nan Li, Gang Guo, Bo Ren, Ya-Juan Zheng and Xiao-Gang He, Lepton number violation and h-gamma gamma in a radiative inverse :
model. JHEP 04 (2013) 026.
16. Xiao Gang He, Bo Ren and J. Tandean, Hints of standard model Higgs boson at the LHC and light dark matter searches. Phys. Rev. D
该论文入选了 "2012年中国百篇最具影响国际学术论文".
17. Bo Ren, Xiao Gang He and PeiChu Xie, Large dimuon asymmetry in Bs-Bs mixing from unparticle induced Gamma. Phys. Lett. B 698 (20
该论文被国际知名科学/科技新闻杂志New Scientist专栏刊登了题为: "Weird

'unparticle' boosted by Tevatron signal" 的文章所报道.

18. Cai Yi, Xiao Gang He and Bo Ren, Low mass dark matter and invisible Higgs width in Darkon models. Phys. Rev. D 83 (2011) 083524.

19. Bo Ren, Koji Tsumura and Xiao Gang He, A Higgs quadruplet for type III seesaw and implications for mu-e gamma mu-e conversion. Pl (2011) 073004.

20. Bo Ren, Xue Jun Xu and Ji Lin, Symmetry group and exact solutions for the 2+1 dimesional AKNS equation. J. Math. Phys. 50 (2009) 123505.

21. Bo Ren and Ji Lin, Painleve properties and exact solutions for the high-dimensional Schwartz Boussinesq equation. Chin. Phys. B.

22. Bo Ren and Ji Lin, A new 2+1 dimensional integrable equation. Commun. Theor. Phys. 51 (2009) 13.

23. Ji Lin, Bo Ren, Hua-Mei Li and Yi-Sheng Li, Soliton solutions for two nonlinear partial differential equations using a Darboux t the Lax pairs. Phys. Rev. E. 77 (2008) 036605.