

Xiaozhen(Zen) Xiong

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Experience

- May 2004-July 2005** *Research assistant* **School Comp. Sci., FSU, Florida**
Research on nonlinear filtering and forecast methods. Paper in process of publication.
- May 2003 – Aug 2003** *Research assistant* **Computer Science, CUNY,**
Research on ship navigation intelligence system. Paper presented in a conference.
- May 2000 – June 2002** *Research assistant* **Physics, Florida U.**
Research on high energy theoretical physics. Four publications.
- Aug 1996 – Apr 2000** *Teaching assistant* **Physics, Florida U.**
Research on high energy theoretical physics. Four publications.
- Aug 1993 - Aug 1996** *Engineer* **Xiamen LCD Device Co., China**
Administrate Unix workstations and design LCD products.

Education

- 2002 Ph.D. High energy theory, University of Florida, Florida
1993 B. S. Applied Optics, Changchun University, China

Professional Activities

Member of American Mathematical Society

Publications

- 1) SUPERSYMMETRY AND EULER MULTIPLETS, Lars Brink, Pierre Ramond, Xiaozhen Xiong, **JHEP 0210:058,2002**
- 2) QUANTIZATION OF NONCOMMUTATIVE SCALAR SOLITONS AT FINITE THETA, Xiaozhen Xiong, **Phys.Rev.D66:105017,2002**
- 3) CONTINUOUS SPIN REPRESENTATIONS OF THE POINCARÉ AND SUPERPOINCARÉ GROUPS, Lars Brink, Abu M. Khan, Pierre Ramond, Xiaozhen Xiong, **J.Math.Phys.43:6279,2002**
- 4) A NOTE ON THE NONCOMMUTATIVE WESS-ZUMINO MODEL, Teparksom Pengpan, Xiaozhen Xiong, **Phys.Rev.D63:085012,2001**
- 5) A COMPUTERIZED NAVIGATION SUPPORT FOR MANEUVERING CLUSTERED SHIP GROUPS IN CLOSE PROXIMITY, Akira Kawaguchi, Xiaozhen Xiong, **ISAS 04 Conference.**
- 6) GAUSSIAN RESAMPLING PARTICLE FILTER, Xiaozhen Xiong, Michael Navon, In process with **Tellus A.**