TRINH TUAN PHONG

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EDUCATION

2010-present	*Ph.D. in Mathematics* LAGA, University of Paris 13, France
2009-2010	*Master 2 in Mathematics* LAGA, University of Paris 13, France
2008-2009	*Master 1 in Mathematics* International Master Program, Inst. of Mathematics, Hanoi, Vietnam
2004-2008	*B.S. in Mathematics* Hanoi National University of Education, Hanoi, Vietnam

THESES/DISSERTATION

1. *Decorrelation of spectral statistics of random Schrödinger operators in the localized regime*
   Ph.D. dissertation, Mathematics
   Advisor: Prof. Frédéric Klopp

2. *Semicircle law on short scales and delocalization of eigenvectors for Wigner random matrices, according to an article of László Erdős, Benjamin Schlein and Horng-Tzer-Yau*
   M.A. thesis, Mathematics, 2010
   Advisor: Prof. Frédéric Klopp

PUBLICATIONS

1. *Decorrelation estimates for a 1D tight binding model in the localized regime*, 31pages, to appear in Annales Henri Poincaré

   Abstract. In this article, we prove decorrelation estimates for the eigenvalues of a 1D discrete tight binding model near two distinct energies in the localized regime. Consequently, for any $n \geq 2$, the asymptotic independence for local level statistics near n distinct energies is obtained.

2. *Global attractor for a semilinear parabolic system*, (with C.T.Anh), Vietnam Journal of Mathematics 37:1 (2009) 49-66

   Abstract. The aim of this paper is to prove the existence of a global attractor of the semigroup generated by the first initial boundary value problem for a semilinear parabolic system in the potential form in an arbitrary (bounded or unbounded) domain.

3. *Global attractor for a semilinear parabolic equation involving Grushin operator*, (with C.T.Anh, T.D.Ke, P.Q.Hung), Electron. J. Diff. Eqns., Vol. 2008(2008), No. 32, pp. 1-11

   Abstract. The aim of this paper is to prove the existence of a global attractor for a semilinear degenerate parabolic equation involving the Grushin operator.

RECENT PRESENTATIONS

05.2013	Partial Differential Equations Seminar, IRMAR, University of Rennes 1
02.2013	Seminar for Ph.D. students, Department of Mathematics, University of Paris 13, February 15, 2013
06.2012	Conference on Disordered Quantum Systems, Inst. Henri Poincaré, Paris, June 18-22, 2012 (Poster)
04.2012	Seminar for Ph.D. students, Department of Mathematics, University of Paris 13, April 12, 2012
03.2012	The presentation for the first half of Ph.D. study period, Department of Mathematics, University of Paris 13, March 08, 2012

CONFERENCES

05.2012	Mathématiques des systèmes quantiques désordonnés, IMJ, University of Paris 6 and University of Paris 13, May 28-30, 2012
03.2012	Arizona School of Analysis and Mathematical Physics, Tucson, Arizona, March 12-16, 2012
11.2011	Interactions EDPs/Probas : modèles probabilistes pour la simulation moléculaire, GdR Chant, University of Grenoble 1, November 23-25, 2011
04.2011	The conference of Semi-classical waves, University of Paris 13, April 5-7, 2011
03.2011	Challenges in Aperiodic Media, University of Lyon 1, 28 February-2 March, 2011

TEACHING EXPERIENCE

2012-2013	Discrete Mathematics, IUT, University of Paris 13
2012-2013	Mathematical Methods for Physics, Inst. Galilée, University of Paris 13
2011-2012	Discrete Mathematics, IUT, University of Paris 13
2011-2012	"Kholles" for MIEF and Mathematics classes, Inst. Galilée, University of Paris 13
2008-2009	Analysis 1, National University of Vietnam, Vietnam

AWARDS AND HONORS

2007	First prize, National Student Olympiad in Mathematical Analysis
2005	Vallet scholarship, Rencontres du Vietnam organisation
2003	First prize, the Mathematical Olympiad for high school students in Hanoi
2003	Vallet scholarship, Rencontres du Vietnam organisation

SKILLS/INTERESTS

English	Professional working proficiency
French	Professional working proficiency
Vietnamese	Native language
Computers	Latex, Maple, Ms Words, Internet
Leisure activities	Music, badminton, yoga (elementary level), reading