

Curriculum Vitae

Name : Xueyin Wang.

Born : January 25, 1995, Huai'an city, Jiangsu Province, China.

Citizenship : Chinese.

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Study interests : Dynamical systems, Mathematical physics.

Studies

2013 - 2017 : Undergraduate, Faculty of Science, Jiangsu University, Zhenjiang, China.

2017 - 2020 : Postgraduate, School of Mathematical Sciences, Jiangsu University, Zhenjiang, China (Advisor : Mei Sun).

2020 - now : PhD candidate, Chern Institute of Mathematics, Nankai University, Tianjin, China (Advisor : Jiangong You).

Papers

Published

[1] Ao Cai, **Xueyin Wang**, Polynomial decay of the gap length for C^k quasi-periodic Schrödinger operators and spectral application, Journal of Functional Analysis, 281, 109035 (2021).

[2] Mei Sun, **Xueyin Wang**, Hölder continuity of spectral measures for the finitely differentiable quasi-periodic Schrödinger operators, Analysis in the Theory and Application, 36, 33-51 (2020).

[3] Mengmeng Mei, Mei Sun, **Xueyin Wang**, Modeling and empirical analysis of energy substitution system based on nonlinear dynamics on America. International Journal of Nonlinear Science, 26, 3-12 (2018).

[4] Benjamin Chris Ampimah, Mei Sun, Dun Han, **Xueyin Wang**, Optimizing sheddable and shiftable residential electricity consumption by incentivized peak and off-peak credit function approach. Applied Energy, 210(15), 1299-1309 (2018).

[5] Peipei Zhang, **Xueyin Wang**, Mei Sun, Mingzhuang Zhang, Xu Yan. The research of the real-time pricing model based on the cumulated points system in the demand response. Energy Procedia, 145, 246-251 (2018).

[6] Benjamin Chris Ampimah, Mei Sun, **Xueyin Wang**, Joseph Ansah, Evans Takyi Ankomah-Asare. Solving the Perennial Electricity Crises Management of Residential Consumer through DRPs in Sub-Saharan Africa: A Case Study of Ghana's Electricity Market using Incentivized Credit Function Technique. Energy Procedia, 145, 388-393 (2018).

Preprint

[1] Ao Cai, Xueyin Wang, Polynomial decay of the gap length for C^k quasi-periodic Schrödinger operators and spectral application, arXiv: 2006.15347.

Conferences

2017, June 3 - 5, International Workshop on Nonlinear Analysis and Reaction-Diffusion Equations, Jiangsu University, Jiangsu, China.

2018, May 14 - 18, International Conference on Variational Methods, Chern Institute of Mathematics, Nankai University, Tianjin, China.

2018, September 3 - 7, Workshop on Quasi-periodic Dynamics and Schrödinger Operators, Nanjing University, Jiangsu, China.

2019, October 10 - 13, Seminar on Differential Equations and Dynamical Systems and Commemorating the 90th Anniversary of Mr. Tongren Ding, Chern Institute of Mathematics, Nankai University, Tianjin, China.

2020, July 6 - 10, New trends in Lyapunov Exponents, Faculdade de Ciências, University of Lisbon, Portugal. Online.

2020, September 26 - 28, Workshop on Differentiable Dynamical Systems, Tianyuan Mathematical Center in Southeast China, Xiamen, China. Online.

2021, November 8 - 12, Conference “Hyperbolic Dynamics and Structural Stability” Dedicated to the 85th Anniversary of D. V. Anosov, Moscow, Russia. Online.

Visits

2019, March 20 - June 30, Chern Institute of Mathematics, Nankai University, Tianjin, China (invited by Prof. Qi Zhou).

Awards

2013 - 2017, National Inspirational Scholarship of China.

2017, Third Prize of National Postgraduate Mathematical Modeling Competition of China.

2018, First Prize of National Postgraduate Mathematical Modeling Competition of China.

2018, First Prize of Jiangsu University Scholarship.

2020 - 2021, Special Scholarship of Zhide foundation.

2020 - 2021, Third Prize of Nankai University Gongneng Scholarship.