

Jiahui FENG

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EDUCATION

Ph.D. in Dynamical Systems , Jilin University, Changchun, China	09/2017-06/2022
<ul style="list-style-type: none">• Research focus: Hyperbolic Theory• Supervisor: Professor Yong Li	
BSc in Applied Mathematics , Henan Normal University, Xinxiang, China	09/2013-07/2017

POSITION

● Lecturer, Beijing Jiaotong University, China	07/2022-present
● Postdoc, Beijing Jiaotong University, China	07/2022-07/2024

FUNDINGS

● National Natural Science Foundation of China (for youth) (Grant No.12301222)	01/2024-12/2026
● China Postdoctoral Science Foundation (Grant No.2023M740206)	11/2023-07/2024
● Talent Fund of Beijing Jiaotong University (Grant No.2023JBRC007)	03/2023-03/2026

PUBLICATIONS

1. **Jiahui Feng**, Yong Li, Analytic normalization for weak hyperbolic systems with mean dichotomy spectrum, *Mathematische Annalen*, DOI:10.1007/s00208-026-03324-9, 2026.
2. **Jiahui Feng***, Smooth normal forms and eliminate nonresonant terms by mean dichotomy spectrum, *Journal of Mathematical Physics*, 66 (10), 2025.
3. **Jiahui Feng***, Dichotomy spectrum and reducibility for mean hyperbolic systems, *Proceedings of the Royal society of Edinburgh Section A-Mathematics*, DOI:10.1017/prm.2024.139, 2025.
4. **Jiahui Feng***, The Hartman-Grobman theorem for mean hyperbolic systems, *Discrete and Continuous Dynamical Systems-Series B*, 30 (2), 2025.
5. **Jiahui Feng***, Yong Li, Admissibility and mean hyperbolicity for evolution equations, *Bulletin des Sciences Mathématiques*, 193, 2024.
6. **Jiahui Feng***, Xue Yang, Multiplicative ergodic theorem of semi-discrete dynamic system, *Proceedings of the American Mathematical Society*, 150 (10), 2022.
7. **Jiahui Feng**, Yong Li, The weak Smale horseshoe and mean hyperbolicity, *Journal of Differential Equations*, 299, 2021.

8. Mai Yang, Yongguang Yu, **Jiahui Feng***, Recurrent solutions and mean exponential dichotomy for dynamic equations on time scales, *Qualitative Theory of Dynamical Systems*, 24 (6), 2025.
9. Xiaoli Zhang, Yongguang Yu, Hu Wang, **Jiahui Feng**, Stability analysis of discrete-time tempered fractional-order neural networks with time delays, *Fractional Calculus and Applied Analysis*, 27 (4), 2024.

TEACHING

Undergraduate Courses

- Calculus I (2023 & 2024)
- Calculus II (2024 & 2025)

Graduate Courses

- Stability Analysis of Ordinary Differential Equations (2024)
- Fundamentals of Modern Analysis (2025)

AWARDS

- **Outstanding Doctoral Dissertation** (2022)
- **Outstanding Graduate** (2017)
- **Excellent Comprehensive Student** (2015-2017)
- **Mathematical Contest in Modeling, Meritorious Winner** (2016)
- **National Undergraduate Mathematics Competition, First Prize** (2016)
- **National Undergraduate Mathematical Modeling Competition, Provincial First Prize** (2015)

Scholarship

- **Second-class Scholarship for Outstanding Student** (2018)
- **Technological Innovation Scholarship** (2016)
- **Academic Competition Scholarship** (2016 & 2017)

ADDITIONAL INFORMATION

Hobbies: Running, Reading