

Nan Li

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EDUCATION

- | | |
|---|----------------------|
| University of Minnesota, Twin Cities
Ph.D. in Mathematics
Advisor: Arnd Scheel | Sept 2022 - Present |
| University of California, Los Angeles
B.S. in Mathematics | Sept 2020 - May 2022 |

EXPERIENCE

- | | |
|--|----------------------|
| University of Minnesota
Teaching Assistant | Sept 2022 - Present |
| UMN Complex Systems REU
Research Assistant | May 2024 - Aug 2024 |
| Berkeley City College
Learning Resources Center Instructor | Sept 2018 - May 2020 |

PUBLICATIONS AND PREPRINTS

- **Nan Li** and Arnd Scheel. *Existence and stability of anchored spiral waves in phase oscillators.* in preparation, 2024.
- **Nan Li** and Arnd Scheel. *Anchored spirals in the driven curvature flow approximation.* London Math. Soc. Lecture Note Ser., to appear, 2024. <https://doi.org/10.48550/arXiv.2312.07809>
- Michael A. Hill and Jiayun Meng and **Nan Li**. *Counting compatible indexing systems for C_p^n .* Orbita Mathematicae Vol.1, No.1, 2024. <https://doi.org/10.2140/om.2024.1.37> (undergraduate research)

CONTRIBUTED TALKS AND POSTERS

- | | |
|---|------------------------|
| SIAM Conference on Applications of Dynamical Systems
Poster | May 2025
Denver, CO |
|---|------------------------|
- Title: Anchored spirals in sharp-interface and phase oscillator models.

TECHNICAL SKILLS

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| Computer Languages | Python, MATLAB, C++ |
| Tools & Libraries | Pytorch, Wolfram Mathematica |