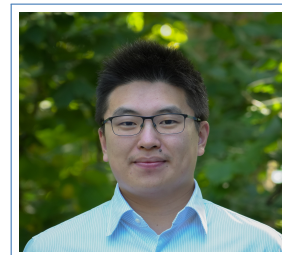


Thomas Chen

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I am currently a first-year PhD student. My thesis is titled "Non selfadjoint periodic Schrödinger operators". I work under the supervision of Thierry Ramond, Maître de conférences CE-HDR at Laboratoire de Mathématiques d'Orsay, Université Paris-Saclay, whose main interests are on semiclassical microlocal analysis namely resonances and non selfadjoint operators.

Education

- 2024-2025 **M2 Analysis, Modeling, Simulation**, *Université Paris-Saclay (LMO)*, Orsay
- 2024 **Agrégation of Mathematics**, rank **86th/315**, *Université Paris-Saclay (LMO)*, Orsay
- 2022-2024 **Master F.E.S. in Mathematics**, *Université Paris-Saclay (LMO)*, Orsay
- 2021-2022 **Licence L3MFA in Mathematics**, *Université Paris-Saclay (LMO)*, Orsay
- 2019-2021 **Classes préparatoires MPSI/MP***, *Lycée Louis Pasteur*, Neuilly-sur-Seine

Supervised projects

- 2025 **M2 Internship: Spectral theory of periodic operators**
Supervisor : Thierry Ramond (LMO)
- 2024 **M2 Internship: Szegő theorems for Toeplitz matrices**
Supervisor : Alix Deleporte (LMO)
- 2022 **TER L3: Ramanujan summation**
Supervisor : Hans Rugh (LMO)

Languagees

- French** Native
- English** Fluent (C1)
- German** Basic (B2)

Computer skills

Python, $\text{\LaTeX}$

Teaching

- Oral examiner** 2022-2025 : ECG1A, ENS Bessières (Paris) [2022] and MPSI, MP, MP*, Lycée Louis Pasteur (Neuilly-sur-Seine) [2022–2025]

Teaching 2025-2026 : Numerics and theory of ODE (3rd year), Topology and differential
assistant calculus (3rd year), Numerics with Python (2nd year)