

Xinzhe Zhang

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EDUCATION

- **M.S. Nankai University**, Tianjin, China Sept. 2023 - Jun. 2025
Optics, GPA:93.46/100, adviser: *Jing Chen* (expected)
- **B.S. Nankai University**, Tianjin, China Sept. 2019 - Jun. 2023
Physics, GPA:88.01/100

RESEARCH INTERESTS

- Nanophotonics
- PT symmetric optics
- nonlinear optics

PUBLICATIONS

1. **ZHANG XZ**, LUO RZ, CHEN J. Revisit the Poynting vector in PT-symmetric coupled waveguides [J]. OPTICS EXPRESS, 2022, 30(21): 38753-63.[DOI]
2. WU LT, **ZHANG XZ**, LUO RZ, et al. Non-Hermitian guided modes and exceptional points using loss-free negative-index materials [J]. OPTICS EXPRESS, 2023, 31(9): 14109-18.[DOI]
3. **ZHANG XZ**, WU LT, LUO RZ, et al. Higher-order exceptional points using lossfree negative-index materials [J]. PHYSICA SCRIPTA, 2023, 98(9)095511.[DOI]
4. WU LT, **ZHANG XZ**, GUO TJ, et al. Superluminality in parity-time symmetric Bragg gratings [J]. PHYSICA SCRIPTA, 2024, 99(8)085544.[DOI]

SKILLS

- **Programming Languages:** MATLAB, Python(numpy, pandas), \LaTeX , HTML
- **Softwares:** COMSOL, Git

HONORS AND AWARDS

- **Scholarship of Public Interests and All-Round Capability** 2024
Granted by Nankai University
- **National Scholarship** 2023
Top 1/130+, Granted by Nankai University
- **National Encouragement scholarship** 2022
Granted by Nankai University
- **National Encouragement scholarship** 2021
Granted by Nankai University

LANGUAGES

TOEFL: 90 (22 | 23 | 23 | 22)

GRE: 330 (161+169)