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郑凌志（博士，讲师）

教育背景

2019 年 9 月 -2024 年 6 月　**博士研究生，**华中科技大学物理学院，光学专业，理学博士

2015 年 9 月 -2019 年 6 月　**本科，**华中科技大学物理学院，应用物理学专业，理学学位

经历

工作经历

2024 年 7 月 -现在　**讲师，**　温州大学数理学院

研究方向

1 微纳光学

2 非厄米物理

3 光学合成维度

论文

学术论文

1. **Lingzhi Zheng**, Bing Wang, Chengzhi Qin, Lange Zhao, Shuyue Chen,

Weiwei Liu, and Peixiang Lu. Chiral Zener tunneling in non-Hermitian frequency lattices. Opt. Lett., 47 (18), 4644(2022),

2. **Lingzhi Zheng**, Bing Wang, Chengzhi Qin, Shuyue Chen, Lange Zhao, Shulin Wang, Weiwei Liu, and Peixiang Lu. Floquet engineering Dirac bands in synthetic frequency lattices. Phys. Rev. A, 108(6), 063515(2023),

3. **Lingzhi Zheng**, Bing Wang, Chengzhi Qin, Lange Zhao, Shuyue Chen, Weiwei Liu, and Peixiang Lu. Selecting mode by the complex Berry phase in non-Hermitian waveguide lattices. Opt. Lett., 49(6), 1603(2024),

4. **Lingzhi Zheng**, Chengzhi Qin, Xue-Feng Zhu, Shuyue Chen, Lange Zhao, Zhuoxiong Liu, Weiwei Liu, Bing Wang, and Peixiang Lu. Acoustic Weyl Semimetals in Synthetic Dimensions. Phys. Rev. Appl., 21(5), 054048(2024),

5. Yiling Song, Weiwei Liu, **Lingzhi Zheng**, Yicong Zhang, Bing Wang, and Peixiang Lu. Two-dimensional non-Hermitian skin effect in a synthetic photonic lattice. Phys. Rev. Appl., 14(6), 064076(2020),

6. Zhuoxiong Liu, Chengzhi Qin, Weiwei Liu, **Lingzhi Zheng**, Shuaifei Ren, Bing Wang, and Peixiang Lu. Frequency manipulation of topological surface states by Weyl phase transitions. Opt. Lett., 46(22), 5719(2021),

7. Zhuoxiong Liu, **Lingzhi Zheng**, Chengzhi Qin, Bing Wang, and Peixiang Lu. Multidimensional synthetic frequency lattice in the dynamically modulated waveguides. Opt. Lett., 48(12), 3163(2023),

8. Shuyue Chen, **Lingzhi Zheng**, Lange Zhao, Shaolin Ke, Bing Wang, and Peixiang Lu. Photonic skin-topological effects in microring lattices. Opt. Lett., 48(21), 5763(2023),

9. Shuaifei Ren, Bing Wang, Chengzhi Qin, Weiwei Liu, **Lingzhi Zheng**, Zhuoxiong Liu, and Peixiang Lu. Tunable supermode converters based on Jx graphene waveguide arrays with transversely linear modulation. Phys. Rev. A, 109(4), 043507(2024).