



王玉洁

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#### 教育背景

吉林大学理学博士（2015）  
吉林大学理学学士（2010）

#### 研究领域

数学物理正反问题的数值方法, 欢迎具备一定Matlab或Python编程基础的同学报考

#### 代表性成果

论文类:

- (1) **Yujie Wang\***, Fuming Ma, Enxi Zheng. Galerkin method for the scattering problem of a slit. *Journal of Scientific Computing*, 2017, 70(1): 192-209.
- (2) **Yujie Wang\***, Fuming Ma, Enxi Zheng. A discontinuous Galerkin method for acoustic scattering problem with DtN boundary condition. *Applicable Analysis*, 2018, 97(6): 938-961.
- (3) **Yujie Wang**, Enxi Zheng\*, Wenke Guo. The method of fundamental solutions for the scattering problem of an open cavity. *Engineering Analysis with Boundary Elements*, 2023, 146(1): 436-447.
- (4) **Yujie Wang**, Enxi Zheng\*, Wenyan Wang. A hybrid method for the interior inverse scattering problem. *Electronic Research Archive*, 2023, 31(6): 3322-3342.
- (5) Enxi Zheng, **Yujie Wang\***. Shape reconstruction in inverse scattering problems utilizing the physics-informed neural networks with a periodic layer. *Engineering Analysis with Boundary Elements*, 2025, 181: 106550.

#### 代表性项目

1. 国家自然科学基金数学天元基金, 11626054, 利用数值Green函数求解开腔体正反散射问题的算法研究, 2017/01-2017/12, 已结题, 主持.
2. 辽宁省博士启动基金, 20170520289, 开腔体反散射问题数值算法的研究, 2017/09-2019/08, 已结题, 主持.