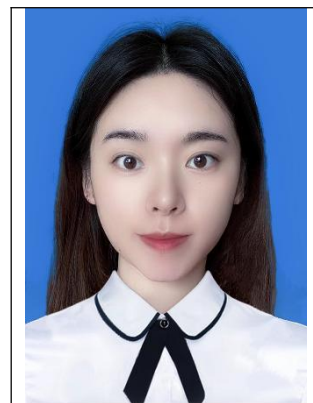


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教育背景

2016年9月至2021年7月 哈尔滨工程大学 博士
2012年9月至2016年7月 哈尔滨商业大学 学士

工作经历

2021年9月至今 东北电力大学，讲师

开设课程

1. 本科生课程《材料力学》、《工程力学》

研究领域

- 含缺陷压电固体、功能梯度材料的力、电、磁多场耦合动力学特性
- 弹性波动理论及其应用研究
- 冻土区埋地管道水、热、力多场耦合冻胀融沉数值模拟

科研项目

- 吉林省科学技术厅 含裂纹生物软组织中弹性波频散特性研究及其在临床诊断中的应用 2024年01月至2027年12月
- 吉林省教育厅 功能梯度材料中导波特性调控及其在电动汽车产业技术中的应用研究 2024年01月到2025年12月

学术兼职

无

奖励荣誉

无

学术成果

- Ni An, Tian-shu Song, Gangling Hou, Bo Yang, Haizhu Pan. Dynamic anti-plane analysis for interfacial cracks emanating from an eccentric circular cavity in piezoelectric bi-materials. *Waves in Random and Complex Media*. 2020;31(6):2197-213.
- Ni An, Tian-shu Song, Gangling Hou. Interfacial cracks near an eccentric circular hole in piezoelectric

- bi-materials subjected to dynamic incident anti-plane shearing. *AIP Advances*. 2020;10(5).
3. Ni An, Tian-shu Song. Dynamic fracture behavior for functionally graded piezoelectric bi-materials with interfacial cracks near a circular hole. *Waves in Random and Complex Media*. 2021:1-19.
 4. Ni An, Tian-shu Song, Gangling Hou. Dynamic performance for piezoelectric bi-materials with an interfacial crack near an eccentric elliptical hole under anti-plane shearing. *Mathematics and Mechanics of Solids*. 2021;27(1):93-107.
 5. Ni An, Ming Zhao, Tianshu Song, Haizhu Pan. Dynamic fracture behavior in functionally graded piezoelectric bi-materials with interfacial cracks emanating from a circular cavity. *Journal of Mechanics of Materials and Structures*. 2021;16(1): 89-104.
 6. Ni An, Tian-shu Song, Gangling Hou. Dynamic interaction between complex defect and crack in functionally graded magnetic-electro-elastic bi-materials. *Mechanics of Advanced Materials and Structures*. 2022;30(13):2748-2764.
 7. An, Ni, Jing Zhang, Yu Chen, Tian-Shu Song. Analysis of mode III interface fracture for hole-initiated cracks in magnetic-electro-elastic bimaterials. *Mechanics of Advanced Materials and Structures*. 2022:1-11.
 8. Ni An, Tian-shu Song, Zhao Ming. Dynamic fracture behavior analysis of functionally graded piezoelectric materials with defects. *Journal of Vibration and Shock*. 2022;41(7):126-134.
 9. Ni An, Yu Chen, Jing Zhang, et al. Dynamic fracture behavior for inclusion-initiated cracks in graded non-homogeneous magnetic-electric-elastic material. *Mechanics of Advanced Materials and Structures*. 2023.
 10. Ni An, Yu Chen, Jing Zhang, et al. Dynamic fracture behavior for hole-initiated cracks in functionally graded magneto-electro-elastic bi-materials. *Mathematics and mechanics of solids*. 2024, 29(2):349-369.