



BOWEN PENG

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🎓 EDUCATION

National University of Defense Technology (NUDT), Changsha, China 2023.02 – Present

Ph.D Candidate in Information & Communication Engineering

Supervised by Prof. [Xiang Li](#) and Prof. [Li Liu](#)

Research interests: Adversarial machine learning and foundation models for earth vision

NUDT, Changsha, China 2020.09 – 2022.12

M. Eng. in Electronic Information

Supervised by Prof. Shaowei Yong, Associate Prof. Bo Peng, and Prof. Li Liu

Thesis: Research on Adversarial Attack Algorithms for Intelligent Recognition of Radar Targets [\[Link\]](#)

NUDT, Changsha, China 2016.09 – 2020.06

B. Eng. in Communication Engineering

📄 PUBLICATIONS

- [1] Towards Assessing the Synthetic-to-Measured Adversarial Vulnerability of SAR ATR. **Bowen Peng, Bo Peng, Jingyuan Xia, Tianpeng Liu, Yongxiang Liu***, In submission, 2023 [\[Link\]](#)[\[Code\]](#)
- [2] Learning Invariant Representation via Contrastive Feature Alignment for Clutter Robust SAR Target Recognition. **Bowen Peng, Jianyue Xie, Bo Peng***, *Li Liu*, **IEEE GRSL**, 2023 [\[Link\]](#)
- [3] Scattering Model Guided Adversarial Examples for SAR Target Recognition: Attack and Defense. **Bowen Peng, Bo Peng***, *Jie Zhou, Jianyue Xie, Li Liu**, **IEEE TGRS**, 2022 [\[Link\]](#)[\[Code\]](#)
- [4] Speckle-Variant Attack: Toward Transferable Adversarial Attack to SAR Target Recognition. **Bowen Peng, Bo Peng***, *Jie Zhou, Jingyuan Xia, Li Liu*, **IEEE GRSL**, 2022 [\[Link\]](#)[\[Code\]](#)
- [5] An Empirical Study of Fully Black-Box and Universal Adversarial Attack for SAR Target Recognition. **Bowen Peng, Bo Peng***, *Shaowei Yong, Li Liu*, **Remote Sensing**, 2022 [\[Link\]](#)

♡ SERVICES

I currently serve as a voluntary reviewer for **IEEE TGRS/TIP/TCSVT**.

🏆 HONORS AND AWARDS

The Excellent Master's Thesis Incentive Award of the Chinese Institute of Electronics, 2023