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*, Li 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 **C**hinese **I**nstitute of **E**lectronics, 2023