

Fengrui Liu 刘丰瑞

PhD Student

E-mail : elon.liu@connect.um.edu.mo

Education

- Bachelor of Electrical Engineering
Northeast Electric Power University, Jilin, China 2016.09 – 2020.06
- PhD of Electrical and Computer Engineering
Macau University, Macau 2022.09 – now

Publications

- Liu F, Li Y, Li B, et al. Bitcoin transaction strategy construction based on deep reinforcement learning[J]. Applied Soft Computing, 2021, 113: 107952.
- Liu F, Yin Y, Li B. A novel probabilistic framework with interpretability for generator coherency identification[J]. International Journal of Electrical Power & Energy Systems, 2022, 143: 108474.
- 刘丰瑞, 李柏潼. 基于概率分布联合训练时空自编码器的同调发电机在线辨识及其可解释性[J]. 中国电机工程学报(in press).
- 李永刚, 王月, 刘丰瑞, 吴滨源. 基于 Stacking 融合的短期风速预测组合模型[J]. 电网技术, 2020, 44(08): 2875-2882.
- 陈厚合, 杨政, 裴玮, 等. 风电并网系统数字孪生及故障态势辨识[J]. 电工电能新技术, 2022.

Research Interests

- Cyber physical security

Projects

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Selected Awards & Honors

- National Scholarship
- The Star of Self-improvement of Chinese College Students
- National prizes of Challenge Cup, Robo Cup, Mathor Cup, etc

Academic Services

- Reviewer of "IEEE Access" and "International Transactions on Electrical Energy Systems"
- Reviewer, specially invited speaker, and organizing committee member of AEIC
- Specially invited speaker of the Global Energy Internet International Forum representing Chinese college students