

CHEN HAO 陳昊

PhD Student

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Education

- PhD of Electromechanical Engineering
Macau University, Macau 2020.09 – 2024.06
- Master of Hydropower and Engineering
Huazhong University of Science and Technology, WuHan 2017.09 - 2020.06
- Bachelor of Hydropower and Engineering
Huazhong University of Science and Technology, WuHan 2012.09 - 2016.06

Publications

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Research Interests

- The construct of a deep balanced cascade forest model for alleviating data imbalance problem in fault diagnosis.
- Study on feature extraction method of bearing vibration data based on deep learning
- Study on development of fault diagnosis knowledge graph framework, construct of a double-layer structure for enhancing model stability.

Projects

- National Natural Science Foundation of China : Knowledge graph modeling and uncertain reasoning based on deep learning for fault diagnosis of hydropower generating unit

- Wuhan application foundation frontier special project : Construction and reasoning diagnosis of intelligent grid equipment fault knowledge graph based on deep learning
- State grid new energy corporation project: Xianju power station operation and inspection platform development

Selected Awards & Honors

- 2017 Certificate Authority Cup International Mathematical Contest in Modeling Certificate of Achievement in A level

Academic Services

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