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赵鑫

的个人主页 <http://teacher.nwpu.edu.cn/zhaox>

基本信息 The basic information

姓名: 赵鑫

学院: 自动化学院

学历: 博士研究生毕业

学位: 工学博士

职称: 副教授

职务:

学科: 电气工程-电力电子与电力传动

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[相册 \(../user/photos/zhaox.html\)](#)

工作经历 Work Experience

2018.01-至今 西北工业大学 自动化学院 副教授 硕士生导师

教育经历 Education Experience

2006.09-2010.06 西北工业大学 自动化学院 工学学士

2010.09-2013.03 西北工业大学 自动化学院 工学硕士

2013.11-2017.05 丹麦奥尔堡大学 工学博士

教育教学 Education And Teaching

电能质量分析与控制（国际班） 32学时

招生信息 Admission Information

欢迎对电能质量、电力电子变换器建模与控制感兴趣的同学报考研究生

固定研究生招生名额：2-3人/年

固定指导本科毕业设计：2-3人/年

科学研究 Scientific Research

研究方向：

1. 电力电子变换器建模与控制

2. 独立电网电能质量分析与优化技术

3. 电力电子变换器稳定性研究

学术成果 Academic Achievements

- [1] Xin Zhao, Lexuan Meng, Chuan Xie, Josep Guerrero, Xiaohua Wu, "A unified voltage harmonic control strategy for coordinated compensation with VCM and CCM converters," IEEE Transactions on Power Electronics, vol. PP, no. 99, pp. 1-1. (SCI—区 IF=7.224)
- [2] Xin Zhao, Lexuan Meng, Chuan Xie, Josep Guerrero, Xiaohua Wu, Juan C. Vasquez, Mehdi Savaghebi, "A voltage feedback based harmonic compensation strategy for current-controlled converters, " IEEE Transactions on Industry Applications, vol. PP, no. 99, pp. 1-1. (SCI 二区 IF = 3.347)
- [3] Xin Zhao, Josep Guerrero, Mehdi Savaghebi, Juan Vasquez, Xiaohua Wu, Kai Sun, "Low voltage ride-through operation of power converters in grid-interactive microgrids by using negative-sequence droop control," IEEE Transaction on Power Electronics, vol. 32, no.4, pp.3128-3142. (SCI—区 IF=7.224)
- [4] Xin Zhao, Lexuan Meng, Josep Guerrero, Mehdi Savaghebi, Juan Vasquez, Chuan Xie, Xiaohua Wu, "An embedded voltage harmonic compensation strategy for current controlled DG interfacing converters," IEEE Energy Conversion Congress and Exposition, pp. 1-7, 2016.
- [5] Xin Zhao, Mehdi Savaghebi, Josep Guerrero, Juan Vasquez, Kai Sun, Xiaohua Wu, Guoliang Chen, Libing Sun, "Negative sequence droop method based hierarchical control for low voltage ride-through in grid-interactive microgrids," IEEE Energy Conversion Congress and Exposition, 2015, pp. 6896-6903.
- [6] Xin Zhao, Lexuan Meng, Tomislav Dragicevic, et al., "Distributed low voltage ride-through operation of power converters in grid-connected microgrids under voltage sags," IEEE Industrial Electronics Society Annual Conference, 2015, pp. 1909-1914.

[7] Xin Zhao, Lexuan Meng, Mehdi Savaghebi, Juan Vasquez, Josep Guerrero, Xiaohua Wu, "A dynamic consensus algorithm based low-voltage ride-through operation of power converters in grid-interactive microgrids," IEEE Industrial Electronics Society Annual Conference, 2016, pp. 3660-3665.

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