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Personal Information

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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği/Elektrik Anabilim Dalı, Turkey 2016 - Continues

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği/Elektrik Anabilim Dalı, Turkey 2014 - 2016

Undergraduate, Fırat University, Faculty Of Engineering, Elektrik Elektronik Mühendisliği, Turkey 2006 - 2011

Dissertations

Postgraduate, ÇOK SEVİYELİ EVİRİCİLERDE ANAHTARLAMA AÇILARININ OPTİMİZASYONU, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği, 2015

Research Areas

Electrical and Electronics Engineering, Power Electronics, Electrical Machine Theory and Design, Electric Motor Drivers, Power Converters, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik Elektronik Mühendisliği, 2014 - Continues

Refereed Congress / Symposium Publications in Proceedings

- I. **Selective Harmonic Elimination with Particle Swarm Optimization in Multilevel Inverters**
DURAK E. S. , OKUMUŞ H. İ. , Usta M. A. , KAHVECİ H.
18th IEEE International Power Electronics and Motion Control Conference (IEEE PEMC), Budapest, Hungary, 26 - 30 August 2018, pp.1019-1024
- II. **Sensorless Feedback Linearization Direct Torque Control (FBL-DTC) for Induction Motor Drive with Five-Level Cascaded H-Bridge Inverter**
Usta M. A. , Okumus H. I. , KAHVECİ H., DURAK E. S.
18th IEEE International Power Electronics and Motion Control Conference (IEEE PEMC), Budapest, Hungary, 26 - 30 August 2018, pp.1025-1030
- III. **Speed Sensorless Direct Torque Control for Three-Level Diode-Clamped Inverter Fed Induction Motor Using Adaptive Flux Observer**

Usta M. A. , Okumus H. I. , Guven S., DURAK E. S.

9th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 26 - 28 November 2015, pp.574-578

Edit Congress and Symposium Activities

IEEE 18th International Power Electronics and Motion Control Conference (PEMC), Attendee, Budapest, Hungary, 2018

ELECO 2015, Attendee, Bursa, Turkey, 2015

Citations

Total Citations (WOS):1

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