

## Res. Asst. ELİF SELİN DURAK

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-9574-5109

ScopusID: 57188849224

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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, Firat 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

## **Metrics**

Publication: 3

Citation (WoS): 2

Citation (Scopus): 4

H-Index (WoS): 1

H-Index (Scopus): 2

## **Congress and Symposium Activities**

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

ELECO 2015, Attendee, Bursa, Turkey, 2015