

Res. Asst. PhD YEŐİM AYSEL BAYSAL

Personal Information

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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik- Elektronik Mühendisliđi, Turkey 2016 - Continues

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kontrol Ve Otomasyon Mühendisliđi, Turkey 2017 - 2017

Post Graduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik- Elektronik Mühendisliđi, Turkey 2012 - 2016

Under Graduate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliđi, Turkey 2007 - 2012

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Post Graduate, DAĐITIM ŐEBEKELERİNDE GÜÇ KALİTESİ İÇİN OPTİMUM KAPASİTÖR YERİNİN VE DEĐERİNİN BELİRLENMESİ , Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik- Elektronik Mühendisliđi, 2016

Research Areas

Information Systems, Communication and Control Engineering, Control and System Engineering, Distributed Control Systems, Controllers, Optimal Control, Robotics and Mechatronics Systems, Mechatronic Systems, Route and Motion Planning, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliđi, 2012 - Continues

Professional Experience

Visiting researcher, Aalborg Universitet (Aalborg University), Department Of Electronic Systems, The Technical Faculty Of It And Design, Automation & Control, 2019 - 2019

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Multi-objective symbiotic organism search algorithm for optimal feature selection in brain computer interfaces**
Baysal Y. A. , Ketenci S., Altaş İ. H. , Kayıkçıođlu T.
EXPERT SYSTEMS WITH APPLICATIONS, vol.165, pp.1-14, 2021 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- **POWER QUALITY IMPROVEMENT VIA OPTIMAL CAPACITOR PLACEMENT IN ELECTRICAL DISTRIBUTION SYSTEMS USING SYMBIOTIC ORGANISMS SEARCH ALGORITHM**
BAYSAL Y. A. , ALTAŞ İ. H.
Mugla Journal of Science and Technology, vol.3, pp.64-68, 2017 (International Refereed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- **Optimally Efficient Locomotion of Snake Robot**
Baysal Y. A. , Altaş İ. H.
2020 International Conference on INnovations in Intelligent SysTems and Applications (INISTA), Novi-Sad, Serbia And Montenegro, 24 - 26 August 2020, pp.1-6
- **Modelling and Simulation of a Wheel-Less Snake Robot**
Baysal Y. A. , Altaş İ. H.
2020 7th International Conference on Electrical and Electronics Engineering (ICEEE), Antalya, Turkey, 14 - 16 April 2020, pp.285-289
- **Simbiyotik Organizmalar Arama Algoritması İle Dađıtım Şebekelerinde Güç Kayıplarının Azaltılması**
Baysal Y. A. , Altaş İ. H. , Gedikli E.
Akıllı Sistemlerde Yenilikler ve Uygulamaları (ASYU) Sempozyumu, Düzce, Turkey, 29 September - 01 October 2016
- **Cuckoo Search Algorithm for Power Loss Minimization by Optimal Capacitor Allocation in Radial Power Systems**
BAYSAL Y. A. , ALTAŞ İ. H.
International Symposium on Innovations in Intelligent Systems and Applications (INISTA), Sinaia, Romania, 2 - 05 August 2016
- **A Fuzzy Reasoning Approach for Optimal Location and Sizing of Shunt Capacitors in Radial Power Systems**
BAYSAL Y. A. , ALTAŞ İ. H.
IEEE Energy Conversion Congress and Exposition (ECCE), Montreal, Canada, 18 - 24 September 2015, pp.5838-5842

Citations

Total Citations (WOS):1

h-index (WOS):1

Scholarships

2211-C Öncelikli Alanlara Yönelik Doktora Burs Programı, TUBITAK, 2018 - Continues

Awards

BAYSAL Y. A. , 2224-A - Yurt Dışı Bilimsel Etkinliklere Katılma Desteđi, TÜBİTAK-BİDEB, August 2016