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International Researcher IDs

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Learning Knowledge

Doctorate 2013 - 2019	Kahramanmaras Sutcu Imam University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliđi (Dr), Turkey
Postgraduate 2010 - 2013	Kahramanmaras Sutcu Imam University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliđi (YI) (Tezli), Turkey
Undergraduate 2005 - 2009	Kahramanmaras Sutcu Imam University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliđi Bölümü, Turkey

Dissertations

Doctorate, ENDÜSTRİYEL ÜÇ FAZLI ASENKRON MOTORLAR İÇİN ADAPTİF SİNİRSEL-BULANIK ÇIKARIM ALGORİTMASI ESASLI KONTROL SİSTEMİ TASARIMI, Kahramanmaras Sutcu Imam University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliđi (Dr), 2019

Postgraduate, ÜÇ FAZLI SİNCAP KAFESLİ İNDÜKSİYON MOTORUNUN BULANIK MANTIK ESASLI YÖNTEMLER KULLANILARAK DENETİMİ, Kahramanmaras Sutcu Imam University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliđi (YI) (Tezli), 2013

Academic Titles / Tasks

Assistant Professor 2020 - Continues	Hakkari University, Çölemerik Meslek Yüksekokulu, Elektrik Ve Enerji
Research Assistant 2019 - 2020	Hakkari University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliđi
Research Assistant 2013 - 2019	Kahramanmaras Sutcu Imam University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliđi Bölümü
Research Assistant 2010 - 2013	Hakkari University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliđi

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Adaptive controller with RBF neural network for induction motor drive**
Kılıç E., Özçalık H. R., Şit S.
International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, vol.31, no.3, 2018 (SCI-Expanded)
2. **An efficient speed control method based on neuro-fuzzy modeling for asynchronous motors**
Sit S., Ozcalik H. R., Kilic E.
Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique, vol.63, no.3, pp.326-331, 2018 (SCI-Expanded)

Articles Published in Other Journals

1. **Simulation and Experimental Study of Vector Controlled Induction Motor Drive Based on RBFNN-MRAC Controller**
Kılıç E., Doğmuş O., Gani A., Şit S., Özçalık H. R.
Majlesi Journal of Mechatronic Systems, vol.6, no.3, pp.15-20, 2018 (Peer-Reviewed Journal)
2. **Neuro-Fuzzy Based Model Reference Adaptive Control for Induction Motor Drive**
KILIÇ E., ŞİT S., GANI A., ŞEKKELİ M., ÖZÇALIK H. R.
TURKISH JOURNAL OF FUZZYS SYSTEMS, vol.8, no.2, pp.63-72, 2017 (Peer-Reviewed Journal)
3. **Adaptation of Optimized PID Controller with PSO Algorithm to Photovoltaic MPPT System**
DOĞMUŞ O., KILIÇ E., ŞİT S., GÜNEŞ M.
KSÜ Mühendislik Bilimleri Dergisi, vol.20, no.4, pp.1-8, 2017 (Peer-Reviewed Journal)
4. **An Efficient Adaptive Controller Design for Three Phase Induction Motors based on RBF Neural Network**
Kılıç E., Şit S., Özçalık H. R., Gani A.
European Journal of Technique, vol.7, no.1, pp.69-77, 2017 (Peer-Reviewed Journal)
5. **Asenkron Motorların Online Adaptif Sinirsel Bulanık Denetim ANFIS Sistemine Dayalı Hız Denetim Performansının İncelenmesi**
ŞİT S., ÖZÇALIK H. R., KILIÇ E., DOĞMUŞ O., ALTUN M.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.31, no.2, pp.33-41, 2016 (Peer-Reviewed Journal)
6. **RBF Identifier Based Adaptive Sugeno Type FLC for Vector Controlled Asynchronous Motor**
ŞİT S., ÖZÇALIK H. R., KILIÇ E., DOĞMUŞ O.
IOSR Journal of Engineering (IOSRJEN), vol.6, no.12, pp.73-80, 2016 (Peer-Reviewed Journal)
7. **Modelling and Performance Comparison of PD and Takagi Sugeno Type Fuzzy Logic Controllers for Inverted Pendulum System**
Şit S., Kılıç E., Özçalık H. R., Alhasan H. A., Gani A.
Bitlis Eren University Journal of Science and Technology, vol.6, no.2, pp.76-84, 2016 (Peer-Reviewed Journal)
8. **Üç Fazlı Asenkron Motor İçin Uzay Vektör Darbe Genişlik Modülasyonu Kullanan Yapay Sinir Ağı Temelli Adaptif Hız Kontrol Sistemi Tasarımı**
KILIÇ E., ÖZÇALIK H. R., ŞİT S.
KSÜ Mühendislik Bilimleri Dergisi, vol.19, no.3, pp.24-32, 2016 (Peer-Reviewed Journal)
9. **Comparative Study of the Success of PI and PI Fuzzy Controller for Induction Motor Drive using SVPWM Method**
ŞİT S., ÖZÇALIK H. R., KILIÇ E., ALTUN M.
International Journal of Engineering Science Invention (IJESI), vol.5, no.11, pp.105-114, 2016 (Peer-Reviewed Journal)
10. **INVESTIGATION OF SPEED CONTROL METHOD IN THREE PHASE INDUCTION MOTOR DRIVES**
Şit S., Özçalık H. R., Kılıç E., Yılmaz Ş.
INTERNATIONAL REFEREED JOURNAL OF ENGINEERING AND SCIENCES, vol.2, no.5, pp.125-151, 2015 (Peer-

Reviewed Journal)

11. **Speed Control of Vector Controlled Induction Motors under Variable Load with RBFNN Based Model Reference Adaptive Control**
KILIÇ E., ÖZÇALIK H. R., YILMAZ Ş., ŞİT S.
ACADEMIC PLATFORM-JOURNAL OF ENGINEERING AND SCIENCE, vol.3, no.3, pp.27-33, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

1. **Investigation and Evaluation of the Electromagnetic Field Effects at Hakkâri University Zeynel Bey Campus**
YÜZER E. Ö., ŞİT S., HARMANCI E., ERDUMAN A., BOZKURT A., SOYVURAL Y., TAŞ E.
V. International Anatolian Scientific Research Congress, Hakkari, Turkey, 21 - 23 July 2023, pp.1449-1459
2. **ROBUST CONTROL OF THE THREE PHASE SQUIRREL-CAGE INDUCTION MOTOR USING ANFIS AND PID TYPE CONTROLLERS**
ŞİT S., ŞEKKELİ M., KILIÇ E., ÖZÇALIK H. R.
I. ULUSLARARASI BATTALGAZİ MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, Malatya, Turkey, 7 - 09 December 2018, pp.411
3. **PERFORMANCE ANALYSIS OF SPEED CONTROL OF INDUCTION MOTOR USING CLASSIC PID AND FUZZY LOGIC CONTROLLERS**
ŞİT S., ŞEKKELİ M., KILIÇ E., ÖZÇALIK H. R.
I. ULUSLARARASI BATTALGAZİ MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, Malatya, Turkey, 7 - 09 December 2018, pp.411
4. **Performance Analysis of ANFIS, FLC and PI Controller for Asynchronous Motor Drive**
ŞİT S., KILIÇ E., ÖZÇALIK H. R., ŞEKKELİ M., DOĞMUŞ O.
International Advanced Researches and Engineering Congress(IAREC17), Osmaniye, Turkey, 16 - 18 October 2017
5. **Simulation and Experimental Study of Vector Controlled Induction Motor Drive Based on RBFNN-MRAC Controller**
KILIÇ E., DOĞMUŞ O., GANİ A., ŞİT S., ÖZÇALIK H. R.
International Advanced Researches Engineering Congress, 16 - 18 November 2017
6. **Neuro-Fuzzy Based Model Reference Adaptive Control for Induction Motor Drive**
KILIÇ E., ŞİT S., GANİ A., ŞEKKELİ M., ÖZÇALIK H. R.
5th International Fuzzy Systems Symposium, Ankara, Turkey, 14 - 15 October 2017, pp.86
7. **An Efficient Adaptive Controller Design for Three Phase Induction Motors based on RBF Neural Network**
KILIÇ E., ŞİT S., ÖZÇALIK H. R., GANİ A.
International Engineering, Science and Education Conference (INESEC), Diyarbakır, Turkey, 1 - 03 December 2016, pp.571-579
8. **Asenkron Motorların OnlineAdaptif Ssinirsel Bulanık Denetim ANFIS Sistemine Dayalı Hız Denetim Performansının İncelenmesi**
ŞİT S., ÖZÇALIK H. R., KILIÇ E., DOĞMUŞ O., ALTUN M.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016
9. **Dynamic Performance Comparison of PD and PD Fuzzy Logic Controllers for Inverted Pendulum System**
GANİ A., ÖZÇALIK H. R., ŞEKKELİ M., KEÇECİOĞLU Ö. F., ŞİT S.
International Conference on Natural Science and Engineering (ICNASE'16), Kilis, Turkey, 19 - 20 March 2016
10. **Model Reference Adaptive Control based on RBFNN for Speed Control of Induction Motors**
ŞİT S., KILIÇ E., ÖZÇALIK H. R., ALTUN M., GANİ A.
International Conference on Natural Science and Engineering (ICNASE'16), Kilis, Turkey, 19 - 20 March 2016,

pp.3355-3364

11. **Energy Supply in a Building via a Photovoltaic Thermal Power System**
ÖZÇALIK H. R., KILIÇ E., ŞİT S., YILMAZ Ş.
International Conference on Renewable Energy Technologies and Applications (RETA'xx16), İstanbul, Turkey, 5 - 06 March 2016, pp.55-61
12. **A Comparative Analysis of FLC and ANFIS Controller for Vector Controlled Induction Motor Drive**
Kılıç E., Özçalık H. R., Yılmaz Ş., Şit S.
Optimization of Electrical Electronic Equipment. International Symposium on Advanced Electromechanical Motion Systems. Side, Turkey 2-4 September 2015., Antalya, Turkey, 2 - 04 September 2015, pp.102-106
13. **Fuzzy Logic Based Control of Inverted Pendulum**
GANİ A., AÇIKGÖZ H., KILIÇ E., ŞİT S.
Eleco 2014 Elektrik – Elektronik – Bilgisayar ve Biyomedikal Mühendisliği Sempozyumu, 27 – 29 Kasım 2014, Bursa, Bursa, Turkey, 27 - 29 November 2014, pp.347-350
14. **Uzay Vektör Darbe Genişlik Modülasyonu İle Sürülen Üç Fazlı Bir Asenkron Motorun Denetiminde PI Fuzzy Tipi Denetim Yönteminin Başarımının İncelenmesi**
ÖZÇALIK H. R., KILIÇ E., ŞİT S.
Otomatik Kontrol Ulusal Toplantısı, TOK2013, Malatya, Türkiye, Malatya, Turkey, 26 - 28 September 2013, pp.1153-1158

Academic and Administrative Experience

2021 - Continues	University Executive Board Member	Hakkari University
2021 - Continues	Head of Department	Hakkari University

Courses

Elektrik Enerji Dağıtım, Undergraduate, 2020 - 2021
ELEKTRİK DEVRELERİ II, Undergraduate, 2020 - 2021, 2019 - 2020
Elektrik Makinaları II, Associate Degree, 2020 - 2021
ELEKTRİK ELEKTRONİK MÜHENDİSLİĞİ TASARIMI, Undergraduate, 2019 - 2020
ELEKTRİK DEVRELERİ-I, Undergraduate, 2019 - 2020
MÜHENDİSLİK EKONOMİSİ, Undergraduate, 2019 - 2020
MİKROİŞLEMCİLER, Undergraduate, 2019 - 2020
Devre Analizi Lab-1, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017
Devre Analizi Lab-2, Undergraduate, 2018 - 2019
Devre Analizi Lab.-2, Undergraduate, 2017 - 2018, 2016 - 2017
Devre Analizi Lab 1, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
Devre Analizi Lab 2, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
Elektronik Lab 2, Undergraduate, 2013 - 2014

Metrics

Publication: 27
Citation (WoS): 12
Citation (Scopus): 15
H-Index (WoS): 2

H-Index (Scopus): 2

Research Areas

Electrical and Electronics Engineering, Engineering and Technology