

Assoc. Prof. NAİM SÜLEYMAN TINÇ

Personal Information

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Biography

Doç. Dr. Naim Süleyman TINÇ 1988 yılında Erzurum'da doğdu. İlk ve orta öğrenimini 2002 yılında Erzurum-Aziziye'de tamamlayarak aynı yıl Erzurum-Ilıca Süper Lisede lise öğrenimine başladı. 2006 yılında Erzurum Ilıca Lisesini okul birinciliğiyle tamamladı. 2006 yılında Erciyes Üniversitesi Mühendislik Fakültesi Elektrik Elektronik Mühendisliği Bölümünde Lisans eğitime başladı. 2010 yılında bu bölümden Elektrik Elektronik Mühendisi olarak mezun olup aynı yıl Erzincan Binali Yıldırım Üniversitesi Elektrik Elektronik Mühendisliği Elektrik Makineleri A.B.D'ye araştırma görevlisi olarak atandı. 2010-2011 yılları arasında Erzincan Binali Yıldırım Üniversitesi Araştırma Görevlisi olarak İstanbul'da 6 aylık yurt içi yabancı dil eğitime katılarak eğitimi başarıyla tamamladı. 2011 Eylül ayında Yıldız Teknik Üniversitesi Elektrik Mühendisliği Elektrik Makineleri ve Güç Elektroniği Anabilim Dalında Araştırma Görevlisi olarak çalışmaya ve Yüksek Lisans eğitimine başladı. 2013 yılında Yüksek Lisans eğitimini tamamladıktan sonra aynı yıl yine Yıldız Teknik Üniversitesi Elektrik Mühendisliği Elektrik Makineleri ve Güç Elektroniği Anabilim Dalında doktora eğitimine başladı. 2013 yılında başladığı Doktora eğitimini de 2016 yılında tamamladıktan sonra Şubat 2017'de Erzincan Binali Yıldırım Üniversitesi Mühendislik Fakültesi Elektrik Elektronik Mühendisliğine Dr. Öğr. Üyesi olarak atandı. Yaklaşık 2.5 yıl bu kadroda görev yapan Dr. Naim Süleyman TINÇ 2019 yılında Elektrik Elektronik Mühendisliği bilim dalında Doçent unvanı almış olup Erzincan Binali Yıldırım Üniversitesi Mühendislik Fakültesi Elektrik Elektronik Mühendisliğinde öğretim üyesi olarak görev yapmaktadır. Doç. Dr. Naim Süleyman TINÇ Güç Elektroniği, rezonans dönüştürücüler, DC-DC ve DC-AC dönüştürücülerde yumuşak anahtarlama teknikleri, güç faktörü düzeltme teknikleri, motor kontrolü, rüzgar ve güneş enerjisi gibi alanlarda çalışmalarını sürdürmektedir.

Education Information

Doctorate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, Turkey 2013 - 2016

Postgraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, Turkey 2011 - 2013

Undergraduate, Erciyes Üniversitesi, Mühendislik Fakültesi, Elektrik Elektronik Mühendisliği, Turkey 2006 - 2010

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, YUMUŞAK ANAHTARLAMALI YENİ BİR DC-DC DÖNÜŞTÜRÜCÜNÜN GELİŞTİRİLMESİ VE GERÇEKLEŞTİRİLMESİ, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, 2016

Postgraduate, RÜZGÂR TÜRBİNLERİNDE KULLANILAN SABİT MIKNATISLI SENKRON GENERATÖRÜN BACK-TO-BACK DÖNÜŞTÜRÜCÜ İLE HIZ KONTROLÜ, Yıldız Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, 2013

Research Areas

Electrical and Electronics Engineering, Energy, Renewable energy, Power Electronics, Electric Motor Drivers, Power Quality, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2019 - Continues

Assistant Professor, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2018 - 2019

Assistant Professor, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2017 - 2018

Research Assistant, Yıldız Teknik Üniversitesi, Elektrik Elektronik Fakültesi, Elektrik Mühendisliği, 2011 - 2016

Research Assistant, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2010 - 2011

Academic and Administrative Experience

Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2021 - Continues

Fakülte Yönetim Kurulu Üyesi, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, 2019 - Continues

Head of Department, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2019 - Continues

Erzincan Binali Yıldırım Üniversitesi, Mühendislik-Mimarlık Fakültesi, Elektrik Elektronik Mühendisliği, Elektrik Makineleri Anabilim Dalı, 2019 - Continues

Fakülte Kurulu Üyesi, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, 2018 - Continues

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Erzincan Binali Yildirim University, İliç Dursun Yıldırım Meslek Yüksekokulu, 2018 - 2021

Head of Department, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2018 - 2019

Erzincan Binali Yıldırım Üniversitesi, Mühendislik-Mimarlık Fakültesi, Elektrik Elektronik Mühendisliği, Devreler Ve Sistemler Teorisi Anabilim Dalı, 2018 - 2019

Erzincan Binali Yıldırım Üniversitesi, Mühendislik-Mimarlık Fakültesi, Elektrik Elektronik Mühendisliği, 2017 - 2018

Courses

Bitirme Projesi, Undergraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Güç Elektroniklerinde Yumuşak Anahtarlama Teknikleri, Postgraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021, 2021 - 2022

Temel Bilgi Teknolojileri, Undergraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021, 2021 - 2022

Elektrik Makineleri 1, Undergraduate, 2016 - 2017, 2017 - 2018, 2019 - 2020, 2020 - 2021, 2021 - 2022

Güç Elektronikleri Uygulamaları, Undergraduate, 2019 - 2020, 2020 - 2021

Elektrik Elektronik Müh. Tasarımı, Undergraduate, 2019 - 2020, 2020 - 2021, 2021 - 2022

Power Electronics 1, Undergraduate, 2020 - 2021, 2021 - 2022
Güç Elektroniğinde Güç Faktörünü Düzeltme Yöntemleri, Postgraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021
Sinyaller ve Sistemler, Undergraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020
Elektrik Makineleri 2, Undergraduate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020
Elektrik Elektronik Mühendisliğinin Temelleri, Undergraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020
Güç Elektroniğine Giriş, Undergraduate, 2019 - 2020, 2020 - 2021
Mikroişlemciler ve Mikrodenetleyiciler, Undergraduate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020
Introduction to Power Electronics, Undergraduate, 2016 - 2017, 2017 - 2018, 2018 - 2019
Elektrik Elektronik Mühendisliğine Giriş ve Etik, Undergraduate, 2019 - 2020
Sayısal İşaret İşleme, Undergraduate, 2016 - 2017, 2017 - 2018
Bilgisayar Programlama, Undergraduate, 2016 - 2017, 2017 - 2018

Advising Theses

Tıng N. S. , İki Yönlü Tam Köprü Dönüştürücüler İçin İlave Gerilim Stressiz Yumuşak Anahtarlamalı Yeni Bir Kontrol Yöntemi, Postgraduate, A.ÇÖL(Student), 2021

Jury Memberships

Post Graduate, Post Graduate, Erzincan Binali Yıldırım Üniversitesi, August, 2021
Appointment Academic Staff, Appointment Academic Staff, Erzincan Binali Yıldırım Üniversitesi, July, 2021
Appointment Academic Staff, Appointment Academic Staff, Hakkari Üniversitesi, November, 2020
Appointment Academic Staff, Appointment Academic Staff, Hakkari Üniversitesi, November, 2020
Appointment Academic Staff, Appointment Academic Staff, Erzincan Binali Yıldırım Üniversitesi, January, 2020
Appointment Academic Staff, Appointment Academic Staff, Erzincan Binali Yıldırım Üniversitesi, January, 2020
Post Graduate, Yüksek Lisans, Erzincan Binali Yıldırım Üniversitesi- Fen Bilimleri Enstitüsü- Elektrik Elektronik Mühendisliği ABD, January, 2020
Appointment Academic Staff, Appointment Academic Staff, Erzincan Binali Yıldırım Üniversitesi, October, 2019
Appointment Academic Staff, Appointment Academic Staff, Erzincan Binali Yıldırım Üniversitesi, October, 2019
Post Graduate, Yüksek Lisans, Erzincan Binali Yıldırım Üniversitesi- Fen Bilimleri Enstitüsü- Elektrik Elektronik Mühendisliği ABD, September, 2019
Post Graduate, Yüksek Lisans, Erzincan Binali Yıldırım Üniversitesi- Fen Bilimleri Enstitüsü- Elektrik Elektronik Mühendisliği ABD, August, 2019
Post Graduate, Yüksek Lisans, Erzincan Binali Yıldırım Üniversitesi- Fen Bilimleri Enstitüsü- Elektrik Elektronik Mühendisliği ABD, August, 2019
Post Graduate, Yüksek Lisans, Erzincan Binali Yıldırım Üniversitesi- Fen Bilimleri Enstitüsü- Elektrik Elektronik Mühendisliği ABD, June, 2019
Post Graduate, Yüksek Lisans, Erzincan Binali Yıldırım Üniversitesi- Fen Bilimleri Enstitüsü- Elektrik Elektronik Mühendisliği ABD, June, 2018
Post Graduate, Yüksek Lisans, Erzincan Binali Yıldırım Üniversitesi- Fen Bilimleri Enstitüsü- Elektrik Elektronik Mühendisliği ABD, April, 2018
Appointment Academic Staff, Appointment Academic Staff, Erzincan Binali Yıldırım Üniversitesi, December, 2017

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

- I. A New Boost Converter-Based Soft Switched Active Snubber Cell for Power Factor Correction
Tıng N. S. , Şahin Y., Yetgin H.

Scientia Iranica, vol.28, no.6, pp.3342-3351, 2021 (Journal Indexed in SCI Expanded)

- II. **Zero-voltage switching half-bridge pulse width modulation DC-DC converter with switched capacitor active snubber cell for renewable energy applications**
Bodur H., Yesilyurt H., Tinç N. S. , Şahin Y.
INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS, 2021 (Journal Indexed in SCI)
- III. **A novel active snubber cell for soft-switched isolated PWM half-bridge converter**
Bodur H., Yesilyurt H., Akboy E., Ting N. S.
Electrical Engineering, vol.102, pp.1821-1830, 2020 (Journal Indexed in SCI)
- IV. **Design and implementation of an IBC reduced voltage across output capacitor**
Tinç N. S. , Şahin Y., Yetgin H.
ELECTRICAL ENGINEERING, vol.101, pp.517-525, 2019 (Journal Indexed in SCI)
- V. **Design and application of a novel snubber cell for soft switched pwm dc-dc converters**
ŞAHİN Y., TİNÇ N. S.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.44, no.3, 2019 (Journal Indexed in SCI)
- VI. **Design, analysis and application of high set-up ZVT DC-DC converter with direct power transfer**
ŞAHİN Y., TİNÇ N. S.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.43, no.10, 2018 (Journal Indexed in SCI)
- VII. **Soft switching passive snubber cell for family of PWM DC-DC converters**
Sahin Y., TİNÇ N. S.
ELECTRICAL ENGINEERING, vol.100, no.3, pp.1785-1796, 2018 (Journal Indexed in SCI)
- VIII. **A New High Power Factor ZVT-ZCT AC-DC Boost Converter**
TİNÇ N. S.
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, vol.13, no.4, pp.1538-1547, 2018 (Journal Indexed in SCI)
- IX. **A highly efficient ZVT-ZCT PWM boost converter with direct power transfer**
Sahin Y., Ting N. S. , Aksoy I.
ELECTRICAL ENGINEERING, vol.100, no.2, pp.1113-1123, 2018 (Journal Indexed in SCI)
- X. **A soft switching with reduced voltage stress ZVT-PWM full-bridge converter**
Sahin Y., TİNÇ N. S. , Acar F.
REVIEW OF SCIENTIFIC INSTRUMENTS, vol.89, no.4, 2018 (Journal Indexed in SCI)
- XI. **ZVT-PWM DC-DC boost converter with active snubber cell**
Ting N. S. , Aksoy I., Sahin Y.
IET POWER ELECTRONICS, vol.10, no.2, pp.251-260, 2017 (Journal Indexed in SCI)
- XII. **Analysis, Design, and Implementation of a Zero-Voltage-Transition Interleaved Boost Converter**
Ting N. S. , Sahin Y., Aksoy I.
JOURNAL OF POWER ELECTRONICS, vol.17, no.1, pp.41-55, 2017 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **A New Soft-Switched ZCZVT-PWM DC-DC Boost Converter**
Şahin Y., Tinç N. S.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.2, pp.435-442, 2018 (National Refreed University Journal)
- II. **Effects to System Performance of Different PWM Techniques in Field Oriented Speed Control with back-to-back Converter of PMSG**
TİNÇ N. S. , ŞAHİN Y.
Academic Platform Journal of Engineering and Science, vol.6, no.2, pp.34-44, 2018 (Other Refereed National Journals)
- III. **Yeni Bir Pasif Bastırma Hücresi ile Gerçekleştirilen Güç Faktörü Düzeltmeli ve Yükselticili AA-DA Dönüştürücü**

TINĐ N. S. , ŞAHİN Y.

Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.11, pp.107-119, 2018 (National Refreed University Journal)

IV. Darbe Genişlik Modülasyonlu DA–DA Dönüştürücüler İçin Yeni Bir Yumuşak Anahtarlama Pasif Bastırma Hücresi

ŞAHİN Y., TINĐ N. S.

JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.21, pp.183-192, 2018 (Other Refereed National Journals)

V. AN IMPROVED ZCZVT-PWM DC-DC BOOST CONVERTER

Sahin Y., Aksoy I., Ting N. S.

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.33, no.4, pp.639-651, 2015 (Journal Indexed in ESCI)

Books & Book Chapters

I. POWER LOSS ESTIMATION OF SEMICONDUCTOR ELEMENTS USING ARTIFICIAL NEURAL NETWORK

Tinđ N. S. , Aslay F.

in: ACADEMIC STUDIES IN ENGINEERING SCIENCES, Assoc. Prof. Yavuz ÖZDEMİR, Editor, Duvar Publishing, Ankara, pp.155-165, 2021

II. TOPOLOGIES OF ISOLATED AND NON-ISOLATED DC-DC PWM CONVERTERS IN SOLAR PV APPLICATIONS

TINĐ N. S. , ŞAHİN Y.

in: THEORY AND RESEARCH IN ENGINEERING II, Assoc. Prof. Dr. Mihriban KALKANCI, Editor, Gece Kitaplığı, Ankara, pp.195-214, 2020

III. SOFT SWITCHING CONCEPT IN PULSE WIDTH MODULATION POWER ELECTRONICS CONVERTERS

ŞAHİN Y., TINĐ N. S.

in: THEORY AND RESEARCH IN ENGINEERING II, Assoc. Prof. Dr. Mihriban KALKANCI, Editor, Gece Kitaplığı, Ankara, pp.315-330, 2020

Refereed Congress / Symposium Publications in Proceedings

I. Design and Application of Smart and Electrical Wheelchair and Charging Station for the Disabled Citizen

TINĐ N. S. , ÖZEL H., ÇELİK L., GANİDAĞLI E., AKKAMIŞ H.

8th International Symposium on Innovative Technologies in Engineering and Science, ISITES2020, Bursa, Turkey, 23 - 25 October 2020, pp.346-353

II. Design of A New Bidirectional DC-DC Converter

ŞAHİN Y., TINĐ N. S.

International Congress of Science, Culture & Education, Antalya, Turkey, 29 October - 01 November 2019, pp.228-233

III. A New Switched-Capacitor PWM DC-DC Boost Converter

ŞAHİN Y., TINĐ N. S.

International Congress of Science, Culture & Education, Antalya, Turkey, 29 October - 01 November 2019, pp.223-227

IV. Design and Simulation A Non-Isolated Interleaved Bidirectional DC-DC Converter

TINĐ N. S. , ŞAHİN Y.

International Congress of Science, Culture & Education, Antalya, Turkey, 29 October - 01 November 2019, pp.239-246

V. A New DC-DC Boost Converter with Two Input Supported by Ultracapacitor for Electrical Vehicles

TINĐ N. S. , ŞAHİN Y.

International Congress of Science, Culture & Education, Antalya, Turkey, 29 October - 01 November 2019, pp.234-238

- VI. **An Active Snubber Cell for Soft Switched PFC Boost Converters**
TING N. S. , ŞAHİN Y., YETGİN H.
VII. International Congress on Vocational & Technical Sciences, Batumi, Georgia, 5 - 07 August 2019, pp.25-31
- VII. **A New Interleaved Boost Converter Reduced Voltage on Output Filter Capacitor**
TING N. S. , ŞAHİN Y., YETGİN H.
IV. International Academic Research Congress, Antalya, Turkey, 30 October - 03 November 2018, pp.1243-1248
- VIII. **A New Soft Switching Multi-Input Bidirectional PWM DC-DC Converter for Electrical Vehicles**
ŞAHİN Y., TING N. S.
IV. International Academic Research Congress, Antalya, Turkey, 30 October - 03 November 2018, pp.1257-1262
- IX. **A New Soft Switching Active Snubber Cell for DC-DC Forward Converters**
BOZKURT Ö., TING N. S. , ŞAHİN Y.
2. International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 19 - 21 October 2018, pp.86-90
- X. **A New Control Strategy for Achieving Soft Switching without Additional Voltage Stress in Bidirectional Full-Bridge Converters**
ÇÖL A., TING N. S. , ŞAHİN Y.
2. International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 19 - 21 October 2018, pp.77-81
- XI. **The Effect of Direct Power Transfer Feature on The DC-DC Converter Efficiency**
ŞAHİN Y., TING N. S.
International Engineering and Technology Symposium (IETS'18), Batman, Turkey, 3 - 05 May 2018, pp.628-630
- XII. **High-Frequency ZVT DC-DC Boost Converter with Auxiliary Resonant Circuit**
TING N. S. , ŞAHİN Y.
7th International Conference on Advanced Technologies (ICAT'18), Antalya, Turkey, 28 April - 01 May 2018, pp.102-106
- XIII. **Zero Voltage Transition Two-Switch Forward DC-DC PWM Converter with Active-Clump Cell**
TING N. S.
7th International Conference on Advanced Technologies (ICAT'18), Antalya, Turkey, 28 April - 01 May 2018, pp.97-101
- XIV. **Comparison of Basic Soft Switching Techniques in DC-DC Boost Converters Used in Solar PV Panels**
TING N. S. , ŞAHİN Y., BABACAN Y.
I. International Symposium on Innovative Approaches in Scientific Studies, Antalya, Turkey, 11 - 13 April 2018, pp.437-440
- XV. **Comparison of Power Factor Correction Conventional Interleaved Boost Converter and Soft Switched Interleaved Boost Converter used in Battery Charging of Electrical Vehicles**
TING N. S.
II. International Academic Research Congress, Antalya, Turkey, 18 - 21 October 2017, pp.1115-1121
- XVI. **Single Phase ZVT Sinusoidal PWM Full Bridge Inverter with Active Snubber Cell**
TING N. S. , ŞAHİN Y., AKSOY İ.
International Conference on Recent Innovations in Engineering and Technology (ICRIET), Paris, France, 20 - 21 June 2016, pp.6-10
- XVII. **1 kW Power Factor Correction ZVZCT Boost Converter with an Active Snubber Cell**
Şahin Y., Ting N. S. , Aksoy İ.
18th International Conference on Electrical Engineering (ICEE 16), London, England, 23 - 24 May 2016, pp.606-610
- XVIII. **A ZVT ZCT PWM DC DC Boost Converter with Direct Power Transfer**
Ting N. S. , Şahin Y., Aksoy İ.
18th International Conference on Electrical Engineering (ICEE 16), London, England, 23 - 24 May 2016, pp.589-594

- XIX. A Single Phase ZVT ZCT Power Factor Correction Boost Converter**
ŞAHİN Y., TINÇ N. S. , AKSOY İ.
8th International Conference on Electrical, Computer and Communication Engineering (ICECCE 16), Barcelona, Spain, 15 - 16 February 2016, pp.223-229
- XX. A Soft Switching PWM DC DC Boost Converter with Increased Efficiency by Using ZVT ZCT Techniques**
ŞAHİN Y., TINÇ N. S. , AKSOY İ.
8th International Conference on Electrical, Computer and Communication Engineering (ICECCE 16), Barcelona, Spain, 15 - 16 February 2016, pp.217-222
- XXI. A New Soft Switching Three Level T-Type Inverter**
Sahin Y., Ting N. S. , AKBOY E., Aksoy I.
10th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG), Bydgoszcz, Poland, 29 June - 01 July 2016, pp.314-318
- XXII. A Soft Switching Power Factor Correction Interleaved AC-DC Boost Converter**
Ting N. S. , Sahin Y., Aksoy I.
10th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG), Bydgoszcz, Poland, 29 June - 01 July 2016, pp.335-340
- XXIII. A New Reduced Voltage Stress ZVT-ZVS PWM Full-Bridge DC-DC Converter**
Sahin Y., Aksoy I., Ting N. S.
IEEE 6th International Symposium on Power Electronics for Distributed Generation Systems (PEDG), Aachen, Germany, 22 - 25 June 2015, pp.595-598
- XXIV. Comparison of SVPWM, SPWM and HCC Control Techniques in Power Control of PMSG used in Wind Turbine Systems**
Suleyman N. S. , Yasa Y., Aksoy I., Sahin Y.
Int Aegean Conference on Electrical Machines and Power Electronics (ACEMP) / Int Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Int Symposium on Advanced Electromechanical Motion Systems (ELECTROMOTION), Side, Turkey, 2 - 04 September 2015, pp.69-74
- XXV. A New ZCT-ZVT PWM Interleaved DC-DC Boost Converter**
Ting N. S. , Sahin Y., Aksoy I.
Int Aegean Conference on Electrical Machines and Power Electronics (ACEMP) / Int Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Int Symposium on Advanced Electromechanical Motion Systems (ELECTROMOTION), Side, Turkey, 2 - 04 September 2015, pp.250-256
- XXVI. A New Zero-Voltage-Transition PWM DC-DC Boost Converter**
Ting N. S. , Aksoy I., Sahin Y.
Int Aegean Conference on Electrical Machines and Power Electronics (ACEMP) / Int Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Int Symposium on Advanced Electromechanical Motion Systems (ELECTROMOTION), Side, Turkey, 2 - 04 September 2015, pp.257-262
- XXVII. Rüzgâr Türbinlerinde Kullanılan Sabit Mıknatıslı Senkron Generatörün Güç Kontrolünde Uzak Vektörü PWM ve Histeresis Akım Kontrolü Tekniklerinin Karşılaştırılması**
TINÇ N. S. , AKSOY İ., ŞAHİN Y.
ELEKTRİK - ELEKTRONİK, BİLGİSAYAR ve BİYOMEDİKAL MÜHENDİSLİĞİ SEMPOZYUMU. ELECO 2014, Bursa, Turkey, 27 - 29 November 2014, pp.56-61
- XXVIII. DC DC Dönüştürücülerde Kullanılan Yumuşak Anahtarlama Yöntemlerinin Karşılaştırılması**
ŞAHİN Y., AKSOY İ., TINÇ N. S.
ELEKTRİK - ELEKTRONİK, BİLGİSAYAR ve BİYOMEDİKAL MÜHENDİSLİĞİ SEMPOZYUMU. ELECO 2014, Bursa, Turkey, 27 - 29 November 2014, pp.235-238

Supported Projects

Tinç N. S. , Şahin Y., Özgenel M. C. , Project Supported by Higher Education Institutions, Aktif Bastırma Hücreli Yeni Bir T

Tipi Üç Seviyeli İnverterin Tasarımı ve Uygulaması, 2020 - 2021

Tıng N. S. , Özel H., Akkemiş H., Çelik L., Ganıdağlı E., Project Supported by Higher Education Institutions, Engelliler İçin Akıllı ve Elektrikli Tekerlekli Sandalye İle Şarj İstasyonu Tasarımı ve Uygulaması, 2020 - 2020

Tıng N. S. , Kartal V., Bayram İ., Yiğit H., Kaya G. N. , TUBITAK Project, İşitme Engelli Bireyler İçin İşaret Dilini Sese ve Yazıya Döken Robot Eldiven Tasarımı ve Uygulaması, 2020 - 2020

Tıng N. S. , Şahin Y., Yetgin H., Project Supported by Higher Education Institutions, Su altı kablosuz sensör ağlarında yönlendirme optimizasyonu yardımı ile ağ yaşamının maksimize edilmesi, 2018 - 2020

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