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Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Yönetilen Tezler

- ERTAN H. B., Development of High-torque density electric machines, Doktora, M.SALIK(Öğrenci), 2022
- ERTAN H. B., Estimation of stator resistance of induction motor using innovation based adaptive extended kalman filter, Yüksek Lisans, M.ZEKİ(Öğrenci), 2021
- ERTAN H. B., Tyre slip control methods for electric vehicles, Yüksek Lisans, N.JAVED(Öğrenci), 2021
- ERTAN H. B., Predicting thermal behavior of Li-ion batteries in electric cars and thermal management, Doktora, B.JOSE(Öğrenci), 2021
- ERTAN H. B., Seri hibrit elektrikli aracın boyutlandırılması, Yüksek Lisans, F.Remzican(Öğrenci), 2019
- ERTAN H. B., Rotoru dışarda fırçasız DA motora sahip kontrol moment jiroskobunun tasarımı, Yüksek Lisans, B.İnce(Öğrenci), 2019
- ERTAN H. B., Anahtarlama tekniğinin ve gan malzemelerin çift yönlü azaltan-artıran DA/DA çeviricilerin performansına etkilerinin araştırılması, Yüksek Lisans, İ.Koçak(Öğrenci), 2019
- ERTAN H. B., Rüzgar enerjisi dönüşümü benzetimi için donanım içinde yazılım sistemi geliştirilmesi, Yüksek Lisans, S.Pourkeivannour(Öğrenci), 2019
- ERTAN H. B., Akım bilgisinden konum hesaplayarak sensörsüz olarak vektör motor kontrolünün uygulanması, Yüksek Lisans, T.Filci(Öğrenci), 2016
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- ERTAN H. B., Design and optimziation of high torque density generator for direct drive wind turbine applications, Yüksek Lisans, R.ZEINALI(Öğrenci), 2016
- ERTAN H. B., Prediction of rotor position from rotor slot harmonics existing in motor stator current, Yüksek Lisans, T.FİLCİ(Öğrenci), 2016
- ERTAN H. B., Design and implementation of variable frequency sine wave output buck-boost inverter, Yüksek Lisans, Y.ŞENER(Öğrenci), 2016
- ERTAN H. B., Optimum pole combination to maxmize torque density in switched reluctance motors for electric vehicle applications, Yüksek Lisans, R.TARVIRDILU(Öğrenci), 2016
- ERTAN H. B., The effect of DC link filter design and compensation on dynamic performance of vector controlled drive, Yüksek Lisans, M.KAYHAN(Öğrenci), 2015
- ERTAN H. B., Design of an outer-rotor brushless DC motor for control moment gyroscope applications, Yüksek Lisans, N.ÇAĞAN(Öğrenci), 2015
- ERTAN H. B., Development of a hardware-in-the-loop wind energy conversion system emulator, Yüksek Lisans, G.CENGİZ(Öğrenci), 2015
- ERTAN H. B., DC bara filtre tasarımı ve kompanzasyonunun vektor kontrollü sürücünün dinamik performansı üzerindeki etkileri, Yüksek Lisans, M.Kayhan(Öğrenci), 2015
- ERTAN H. B., A software for analysis of permanent magnet AC motors, Yüksek Lisans, D.BULGAN(Öğrenci), 2014
- ERTAN H. B., Design software development for induction motors, Yüksek Lisans, M.İZGÜDEN(Öğrenci), 2011

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ERTAN H. B., A normalized set of force and permeance data for doubly-salient magnetic geometries, Yüksek Lisans, İ.MAHARİQ(Öğrenci), 2009

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ERTAN H. B., Doğrutulmuş yarı dalga sinüs çıkış üreten anahtarlamalı güç kaynağı., Yüksek Lisans, İ.Kaya(Öğrenci), 2008

LEBLEBİCİOĞLU M. K., ERTAN H. B., A control algorithm to minimize torque ripple and acoustic noise of switched reluctance motors, Doktora, E.BİZKEVELCİ(Öğrenci), 2008

ERTAN H. B., Paralel etkin süzgeç tasarımı, denetimi ve gerçekleştirilmesi, Yüksek Lisans, M.Tunç(Öğrenci), 2007

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- ERTAN H. B., A Software for predicting quasi stationary characteristics of sr motors, Yüksek Lisans, F.NİAKAN(Öğrenci), 1993
- ERTAN H. B., Computer aided design of single-phase capacitor-type induction motors, Yüksek Lisans, M.AFTAHI(Öğrenci), 1993
- ERTAN H. B., Inverter design for maximum power transfer in induction heating, Yüksek Lisans, M.ATAVI(Öğrenci), 1991
- ERTAN H. B., Optimum design of single phase capacitor start motors, Yüksek Lisans, İ.GÜLER(Öğrenci), 1990
- ERTAN H. B., Design and spice simulation of a thyristorized medium frequency current fed inverter, Yüksek Lisans, Y.DEMİRTÜRK(Öğrenci), 1989
- ERTAN H. B., A Mid-point inverter for induction machine speed control, Yüksek Lisans, A.DİNÇER(Öğrenci), 1987
- ERTAN H. B., New algorithms and techniques for microprocessor-controlled PWM induction drives, Doktora, O.KÜKRER(Öğrenci), 1987
- ERTAN H. B., Optimum design of switching reluctance motors., Doktora, M.Tohumcu(Öğrenci), 1985

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **Real-Time Speed and Position Estimation Using Rotor Slot Harmonics**
Keysan O., ERTAN H. B.
IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, cilt.9, sa.2, ss.899-908, 2013 (SCI-Expanded)
- II. **High-frequency loss calculation in a smooth rotor induction motor using FEM**
Ertan H. B., Leblebicioglu K., Avenoglu B., Pirgaip M.
IEEE TRANSACTIONS ON ENERGY CONVERSION, cilt.22, sa.3, ss.566-575, 2007 (SCI-Expanded)
- III. **Archery performance level and repeatability of event-related EMG**
Soylu A. R., Ertan H., Korkusuz F.
HUMAN MOVEMENT SCIENCE, cilt.25, sa.6, ss.767-774, 2006 (SCI-Expanded)
- IV. **Steady-state modeling of a phase-shift PWM parallel resonant converter**
Iskender I., Uctug Y., Ertan H. B.
COMPEL-THE INTERNATIONAL JOURNAL FOR COMPUTATION AND MATHEMATICS IN ELECTRICAL AND ELECTRONIC ENGINEERING, cilt.25, sa.4, ss.883-899, 2006 (SCI-Expanded)
- V. **DSP microcontroller-based fuzzy control of a DC/DC parallel resonant converter using phase-shift PWM technique**
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- VI. **Calculation of parameters of single-phase PM motor for design optimization**
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- VII. **Reliability and validity testing of an archery chronometer**
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JOURNAL OF SPORTS SCIENCE AND MEDICINE, cilt.4, sa.2, ss.95-104, 2005 (SCI-Expanded)
- VIII. **Powder metal development for electrical motor applications**
Bayramli E., Golgelioglu O., Ertan H.
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- IX. **Quantification the relationship between FITA scores and EMG skill indexes in archery**
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JOURNAL OF ELECTROMYOGRAPHY AND KINESIOLOGY, cilt.15, sa.2, ss.222-227, 2005 (SCI-Expanded)
- X. **Comparison of PWM and PFM induction drives ID in, egarding audible noise and vibration for household applications**
Ertan H., Simsir N.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, cilt.40, sa.6, ss.1621-1628, 2004 (SCI-Expanded)
- XI. **Factors affecting the shoulder proprioceptive sense among male volleyball players**

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XII. Activation patterns in forearm muscles during archery shooting

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Diğer Dergilerde Yayınlanan Makaleler

I. Analytical Modelling, Simulation and Comparative Study of Multi-Junction Solar Cells Efficiency

Hadjida A., Bourahla M., ERTAN H. B., Bekhti M.

INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH, cilt.8, sa.4, ss.1824-1832, 2018 (ESCI)

Kitap & Kitap Bölümleri

I. Transformers Analysis Design and Measurement

ERTAN H. B.

CRC press, 2012

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Investigation of the Effects of Switching Technique on the Performance of Four Switch Buck-Boost Bidirectional DC/DC Converters

Kocak I., ERTAN H. B.

International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) / International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), İstanbul, Türkiye, 27 - 29 Ağustos 2019, ss.395-401

II. Integration of Offshore Wind Farm Plants to the Power Grid using an HVDC line Transmission

Berkani A., Pourkevannour S., Negadi K., Boumediene B., Allaoui T., Ertan H. B.

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IV. Magnetically Geared Direct Drive Wind Generator Thermal Analysis

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- V. **Development of Model for DC Link Filter Design**
ERTAN H. B., Kayhan M.
IEEE Transportation Electrification Conference and Expo (ITEC), Michigan, Amerika Birleşik Devletleri, 27 - 29 Haziran 2016
- VI. **PM brushed DC motor optimization**
Rasul T., Reza Z., ERTAN H. B., Yavuz T.
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- VII. **Evaluation of a 6 pole axial flux PM motor for Control Moment Gyroscope Application**
Zeinali R., ERTAN H. B.
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- VIII. **Three phase Inverter Speed Control of AC Drives Motor using DSPic microcontroller**
Dida A. H., Bourahla M., ERTAN H. B., Benghanem M., Benzina M. E.
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- IX. **Sinus Output 3-Phase Inverter Topology for Improved Drive Efficiency**
ERTAN H. B., Sener Y.
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- X. **Design, Development and Implementation of Sensorless Digital Control of an Electric Motorization**
Dida A. H., Bourahla M., ERTAN H. B., Benghanem M.
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- XI. **Comparison of Outer Rotor Radial Flux and Axial Flux PM Motors for CMG Application**
ERTAN H. B., Cagan N.
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- XII. **Implementation issues of real time position estimation for induction motors using rotor slot harmonics**
ERTAN H. B., Keysan O.
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- XIII. **Evaluation of Inductance Measurement Methods for PM Machines**
ERTAN H. B., ŞAHİN İ.
20th International Conference on Electrical Machines (ICEM), Marseille, Fransa, 2 - 05 Eylül 2012, ss.1672-1678
- XIV. **Comparison of Efficiency of Two dc-to-ac Converters for Grid Connected Solar Applications**
ERTAN H. B., Dogru E., Yilmaz A.
13th International Conference on Optimization of Electrical and Electronic Equipment, Brasov, Romanya, 24 - 26 Mayıs 2012, ss.879-886
- XV. **A Proposal for Improving Efficiency of Inverter Driven Electrical Motors**
ERTAN H. B., Dogru E.
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- XVI. **Higher Order Rotor Slot Harmonics for Rotor Speed & Position Estimation**
Keysan O., ERTAN H. B.
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- XVII. **Determination of rotor slot number of an induction motor using an external search coil**

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XVIII. Performance Calculation of SR Motors for Optimum Design and a Washing Machine Application

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XIX. Identification of parameters of an induction motor from field solution

Ertan H., Leblebicioglu K., Avenoglu B., Ercan B.

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XX. A new technique for shortening the EMI filter development stage

Colak B., Ertan H.

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XXI. An induction motor design tool combining analytical and field solution techniques

Ertan H., Bizkevelci E., Avenoglu B.

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XXII. A software for simulation and controller development for high frequency high voltage power supplies

Ertan H., Camlikaya T., Demirel O.

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XXIII. A FIELD ORIENTATION SCHEME FOR VOLTAGE FED INDUCTION MOTOR, WITH CLOSED LOOP PHASE ANGLE CONTROL

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Desteklenen Projeler

ERTAN H. B., Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

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Akademi Dışı Deneyim

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