

## **Kişisel Bilgiler**

**E-posta:** ertan@metu.edu.tr

**Web:** <https://avesis.metu.edu.tr/ertan>

## **Yönetilen Tezler**

- ERTAN H. B. , Rotoru dışarda fırçasız DA motora sahip kontrol moment jiroskobunun tasarımı, Yüksek Lisans, B.İnce(Öğrenci), 2019
- ERTAN H. B. , Rüzgar enerjisi dönüşümü benzetimi için donanım içinde yazılım sistemi geliştirilmesi, Yüksek Lisans, S.Pourkeivannour(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. , Seri hibrit elektrikli aracın boyutlandırılması, Yüksek Lisans, F.Remzican(Öğrenci), 2019
- ERTAN H. B. , Direkt sürürlü rüzgar türbini uygulaması için yüksek moment yoğunluklu alternatör tasarımı ve optimizasyonu, Yüksek Lisans, R.Zeinali(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
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- I. **Real-Time Speed and Position Estimation Using Rotor Slot Harmonics**  
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- II. **High-frequency loss calculation in a smooth rotor induction motor using FEM**  
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- III. **Archery performance level and repeatability of event-related EMG**  
Soylu A. R. , Ertan H., Korkusuz F.  
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- IV. **Steady-state modeling of a phase-shift PWM parallel resonant converter**  
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- V. **DSP microcontroller-based fuzzy control of a DC/DC parallel resonant converter using phase-shift PWM technique**  
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- X. **Comparison of PWM and PFM induction drives ID in, egarding audible noise and vibration for household applications**  
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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.  
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- I. **Transformers Analysis Design and Measurement**  
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- I. **Investigation of the Effects of Switching Technique on the Performance of Four Switch Buck-Boost Bidirectional DC/DC Converters**  
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- II. **Integration of Offshore Wind Farm Plants to the Power Grid using an HVDC line Transmission**  
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- VI. **PM brushed DC motor optimization**

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**X. Design, Development and Implementation of Sensorless Digital Control of an Electric Motorization**

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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**

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

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

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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**

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## **Atıflar**

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