

Prof.Dr. HÜSEYİN METİN ERTUNÇ

Kişisel Bilgiler

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Biyografi

Prof. Dr. H. Metin Ertunç 1969 yılında Denizli'de doğmuştur. Hacettepe Üniversitesi Elektrik-Elektronik Mühendisliği Bölümünden 1991 yılında mezun olduktan sonra 2 yıl Devlet Demiryolları'nda elektronik mühendisi olarak çalışmıştır. Kazandığı YÖK bursuyla 1994 yılında Amerika Birleşik Devletlerine otomatik kontrol konusunda yüksek lisans ve doktora eğitimi yapmak üzere gitmiştir. 1995 yılında yüksek lisans derecesini, 1999 yılında doktora derecesini aldıktan sonra yurda dönüp Kocaeli Üniversitesinde öğretim üyesi olarak göreve başlamıştır. Mekatronik Mühendisliği bölümünün kuruluşunda görev almış ve halen aynı bölümde akademisyen olarak çalışmaktadır. 30 adet SCI yayını bulunmaktadır. 2 Tübitak ve 1 SANTEZ projesinin yürütücülüğünü yapmış ve tamamlamıştır. Otomatik kontrol, sinyal işleme ve yapay zeka sistemleri konusunda çalışmaları bulunmaktadır.

Eğitim Bilgileri

Doktora, Case Western Reserve University, Engineering, Electrical Engineering And Computer Science, Amerika Birleşik Devletleri 1995 - 1999

Yüksek Lisans, Case Western Reserve University, Engineering, Systems, Control And Industrial Engineering, Amerika Birleşik Devletleri 1994 - 1995

Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Türkiye 1986 - 1991

Yaptığı Tezler

Doktora, Techniques for Tool Wear Condition Monitoring in Drilling Operations, Case Western Reserve University, Electrical Engineering And Computer Science, 1999

Araştırma Alanları

Bilgi Sistemleri, Haberleşme ve Kontrol Mühendisliği, Kontrol ve Sistem Mühendisliği, Kontrol Sistemleri ve Enstrümantasyon, Robotik ve Mekatronik Sistemler, Mekatronik Sistemler, Sinyal İşleme, Sinyal İşleme Kuramı ve Metotları, Elektrik-Elektronik Mühendisliği, Elektronik, Elektronik Devreler, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof.Dr., Kocaeli Üniversitesi, Mühendislik Fakültesi, Mekatronik Mühendisliği Bölümü, 2014 - Devam Ediyor

Doç.Dr., Kocaeli Üniversitesi, Mühendislik Fakültesi, Mekatronik Mühendisliği Bölümü, 2008 - 2011

Yrd.Doç.Dr., Kocaeli Üniversitesi, Mühendislik Fakültesi, Mekatronik Mühendisliği Bölümü, 2001 - 2008

Yrd.Doç.Dr., Kocaeli Üniversitesi, Teknik Eğitim Fakültesi, Elektronik Ve Bilgisayar Eğitimi Bölümü, 1999 - 2001

Mesleki Deneyim

Dekan Yardımcısı, Kocaeli Üniversitesi, Mühendislik Fakültesi, 2015 - 2016

Verdiği Dersler

SİSTEM DİNAMİĞİ, Lisans, 2016 - 2017, 2017 - 2018

INTRODUCTION TO FUZZY LOGIC, Lisans, 2017 - 2018, 2016 - 2017

MEKATRONİK SİSTEMLERİN TASARIMI, Yüksek Lisans, 2016 - 2017, 2017 - 2018

SENSOR TECHNIQUES, Lisans, 2016 - 2017

OTOMATİK KONTROL, Lisans, 2016 - 2017

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **Design, production and novel NC tool path generation of CNC tire mold processing machine**
Kuncan M., KAPLAN K., ERTUNÇ H. M. , KÜÇÜKATEŞ S.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.33, ss.1183-1199, 2018 (SCI İndekslerine Giren Dergi)
- **Olive separation machine based on image processing**
KUNCAN M., ERTUNÇ H. M.
MECHANİKA, ss.438-443, 2016 (SCI İndekslerine Giren Dergi)
- **A development of electromagnetic retarder controller to stabilise vehicle speed by using PWM technique**
ERGÜN R. E. , UÇAR M., ERTUNÇ H. M. , CENGİZ A.
International Journal Of Heavy Vehicle Systems, cilt.21, ss.169-181, 2014 (SCI Expanded İndekslerine Giren Dergi)
- **Prediction of fetal state from the cardiotocogram recordings using adaptive neuro-fuzzy inference systems**
OCAK H., ERTUNÇ H. M.
NEURAL COMPUTING & APPLICATIONS, cilt.23, ss.1583-1589, 2013 (SCI İndekslerine Giren Dergi)
- **ANFIS modelling of the performance and emissions of a diesel engine using diesel fuel and biodiesel blends**
HOŞÖZ M., ERTUNÇ H. M. , Karabektas M., Ergen G.
APPLIED THERMAL ENGINEERING, cilt.60, ss.24-32, 2013 (SCI İndekslerine Giren Dergi)
- **ANN- and ANFIS-based multi-staged decision algorithm for the detection and diagnosis of bearing faults**
ERTUNÇ H. M. , OCAK H., ALIUSTAĞLU C.
NEURAL COMPUTING & APPLICATIONS, cilt.22, 2013 (SCI İndekslerine Giren Dergi)
- **MODELLING OF AN AUTOMOTIVE AIR CONDITIONING SYSTEM USING ANFIS**
HOŞÖZ M., ALKAN A., ERTUNÇ H. M.
İsi Bilimi Ve Teknigi Dergisi-Journal Of Thermal Science And Technology, cilt.33, ss.127-137, 2013 (SCI Expanded İndekslerine Giren Dergi)
- **A support vector machine-based online tool condition monitoring for milling using sensor fusion and a genetic algorithm**
KAYA B., OYSU C., ERTUNÇ H. M. , OCAK H.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE, cilt.226, ss.1808-1818, 2012 (SCI İndekslerine Giren Dergi)
- **Force-torque based on-line tool wear estimation system for CNC milling of Inconel 718 using neural networks**
KAYA B., OYSU C., ERTUNÇ H. M.
ADVANCES IN ENGINEERING SOFTWARE, cilt.42, ss.76-84, 2011 (SCI İndekslerine Giren Dergi)
- **An adaptive neuro fuzzy inference system model for predicting the performance of a refrigeration system with a cooling tower**
HOŞÖZ M., ERTUNÇ H. M. , BULGURCU H.
Expert Systems With Applications, cilt.38, ss.14148-14155, 2011 (SCI Expanded İndekslerine Giren Dergi)
- **Performance prediction of a CI engine using artificial neural network for various SME and diesel fuel blends**

GÖKALP B., ERTUNÇ H. M. , HOŞÖZ M., SARAÇ H. İ.

INTERNATIONAL JOURNAL OF VEHICLE DESIGN, cilt.54, ss.156-176, 2010 (SCI İndekslerine Giren Dergi)

- **Decomposition of forced turbulent jet flows**

ERDİL A., ERTUNÇ H. M. , YILMAZ T.

PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, cilt.223, ss.919-933, 2009 (SCI İndekslerine Giren Dergi)

- **Tool wear condition monitoring using a sensor fusion model based on fuzzy inference system**

ALIUSTAOGLU C., ERTUNÇ H. M. , OCAK H.

Mechanical Systems And Signal Processing, cilt.23, ss.539-546, 2009 (SCI Expanded İndekslerine Giren Dergi)

- **Modelling of a direct evaporative air cooler using artificial neural network**

HOŞÖZ M., ERTUNÇ H. M. , Ozguc A. F.

INTERNATIONAL JOURNAL OF ENERGY RESEARCH, cilt.32, ss.83-89, 2008 (SCI İndekslerine Giren Dergi)

- **Comparative analysis of an evaporative condenser using artificial neural network and adaptive neuro fuzzy inference system**

ERTUNÇ H. M. , HOŞÖZ M.

International Journal Of Refrigeration-Revue Internationale Du Froid, cilt.31, ss.1426-1436, 2008 (SCI Expanded İndekslerine Giren Dergi)

- **Performance prediction of a cooling tower using artificial neural network**

Hosoz M., Ertunc H. M. , BULGURCU H.

ENERGY CONVERSION AND MANAGEMENT, cilt.48, ss.1349-1359, 2007 (SCI İndekslerine Giren Dergi)

- **The prediction of mechanical behavior for steel wires and cord materials using neural networks**

Yilmaz M., Ertunc H. M.

MATERIALS & DESIGN, cilt.28, ss.599-608, 2007 (SCI İndekslerine Giren Dergi)

- **An artificial neural network model for toughness properties in microalloyed steel in consideration of industrial production conditions**

Col M., Ertunc H. M. , Yilmaz M.

MATERIALS & DESIGN, cilt.28, ss.488-495, 2007 (SCI İndekslerine Giren Dergi)

- **Performance and exhaust emissions of a gasoline engine using artificial neural network**

SAYIN C., Ertunc H. M. , Hosoz M., KILIÇASLAN I., Canakci M.

APPLIED THERMAL ENGINEERING, cilt.27, ss.46-54, 2007 (SCI İndekslerine Giren Dergi)

- **Prediction of the pool boiling critical heat flux using artificial neural network**

Ertunc H. M.

IEEE TRANSACTIONS ON COMPONENTS AND PACKAGING TECHNOLOGIES, cilt.29, ss.770-777, 2006 (SCI İndekslerine Giren Dergi)

- **Modelling of a cascade refrigeration system using artificial neural network**

Hosoz M., Ertunc H. M.

INTERNATIONAL JOURNAL OF ENERGY RESEARCH, cilt.30, ss.1200-1215, 2006 (SCI İndekslerine Giren Dergi)

- **Prediction of the air temperature and humidity at the outlet of a cooling coil using neural networks**

Yigit K. S. , Ertunc H. M.

INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, cilt.33, ss.898-907, 2006 (SCI İndekslerine Giren Dergi)

- **Artificial neural network analysis of an automobile air conditioning system**

Hosoz M., Ertunc H. M.

ENERGY CONVERSION AND MANAGEMENT, cilt.47, ss.1574-1587, 2006 (SCI İndekslerine Giren Dergi)

- **Artificial neural network analysis of a refrigeration system with an evaporative condenser**

Ertunc H. M. , Hosoz M.

APPLIED THERMAL ENGINEERING, cilt.26, ss.627-635, 2006 (SCI İndekslerine Giren Dergi)

- **Using adaline neural network for performance improvement of smart antennas in TDD wireless communications**

Kavak A., Yigit H., Ertunc H. M.

IEEE TRANSACTIONS ON NEURAL NETWORKS, cilt.16, ss.1616-1625, 2005 (SCI İndekslerine Giren Dergi)

- **Drill wear monitoring using cutting force signals**

Ertunc H. M. , Oysu C.

MECHATRONICS, cilt.14, ss.533-548, 2004 (SCI İndekslerine Giren Dergi)

- **Tool Wear Condition Monitoring in Drilling Operations using Hidden Markov Models**

ERTUNÇ H. M. , LOPARO K., OCAK H.

International Journal Of Machine Tools, cilt.41, ss.1347-1362, 2001 (SSCI İndekslerine Giren Dergi)

- **A decision fusion algorithm for tool wear condition monitoring in drilling**

Ertunc H. M. , Loparo K.

International Journal of Machine Tools and Manufacture, cilt.41, ss.1347-1362, 2001 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- **A Combined Decision Algorithm for Diagnosing Bearing Faults Using Artificial Intelligent Techniques**

ERTUNÇ H. M.

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, cilt.36, ss.1233-1251, 2018 (Diğer Kurumların Hakemli Dergileri)

- **Design of an Automatic Coil Lath Bonding Machine For Distribution Transformers**

BİÇİL H., POLAT T., KUNDAKÇI İ. M. , AYAZ M., ERTUNÇ H. M.

The Eurasia Proceedings of Science, Technology, Engineering Mathematics, cilt.1, ss.116-122, 2017

- **Handwriting Character Recognition by using Fuzzy Logic**

ENES V., KAPLAN K., ERTUNÇ H. M.

Turkish Journal of Science Technology TJST, cilt.12, ss.71-77, 2017

- **5 Eksen CNC Hassas Lastik Yanak İşleme**

KUNCAN M., KAPLAN K., ERTUNÇ H. M. , KÜÇÜKATEŞ S.

European Journal of Technic, cilt.6, ss.117-123, 2016

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- **5 UZUVLU PARALEL ROBOT MEKANİZMASININ KALİBRASYONU**

GÜNER H. E. , KUNDAKCI İ. M. , GÜNEŞ U., ERTUNÇ H. M.

IV. İNES International Academic Research Congress, 30 October - 03 November 2018

- **Real Time Position and Trajectory Control of Ball and Plate System Using Different Control Techniques**

KÖSE F., KAPLAN K., ERTUNÇ H. M.

6th International Conference on Control Engineering and Information Technologies, CEIT2018, 25 - 27 October 2018, ss.1400-1406

- **Diagnosis of Brain Tumours from Mr Images by Using Convolutional Neural Networks**

VARDAR E., KAPLAN K., ERTUNÇ H. M.

International Conference on Data Science and Applications, ICONDATA 2018, 4 - 07 October 2018

- **Diagnosis of Parkinson's Disease using ANN and SVM Models**

ÇUŞKUN Y., KAPLAN K., ERTUNÇ H. M.

International Conference on Data Science and Applications, ICONDATA-2018, 4 - 07 October 2018

- **Gaussian Process Regression Modelling of The Performance Of An R1234yf Automobile Air Conditioning System**

KAPLAN K., ARAL M. C. , SUHERMANTO M., ERTUNÇ H. M. , HOŞÖZ M.

International Conference on Data Science and Applications, ICONDATA 2018, 4 - 07 October 2018

- **Elektronik Diferansiyel Sisteminin PD Kontrolör ile Gerçek Zamanda Konum ve Hız Kontrolü**

SARAL H., UĞUZ O., KUNDAKCI İ. M. , ERTUNÇ H. M.

TOK2018 Otomatik Kontrol Ulusal Toplantısı, Kayseri, Türkiye, 12 - 14 September 2018, ss.408-414

- **Top ve Plaka Sisteminin PID ile Gerçek Zamanda Arduino-Tabanlı Konum ve Yörünge Kontrolü**

KÖSE F., ERTUNÇ H. M.

TOK 2018 Otomatik Kontrol Ulusal Toplantısı, Kayseri, Türkiye, 12 - 14 September 2018, ss.100-105

- **TUBITAK UME Küçük Açık Deflektometresinin Hassas Pozisyon Kontrolü**

ECEVİT S., SERBEST Ö., YANDAYAN T., ERTUNÇ H. M.

TOK 2018 Otomatik Kontrol Ulusal Toplantısı, Kayseri, Türkiye, 12 - 14 September 2018, ss.117-122

- **Fuzzy Logic Controller and PID Controller Design for Aircraft Pitch Control**
SAYAR E., ERTUNÇ H. M.
Proceedings of the 7th European Conference on Mechanism Science, EuCoMeS 2018, Aachen, Almanya, 4 - 06 September 2018, ss.53-60
- **Diagnosis of prostate cancer using gene expression data Gen İfadesi Verisi Kullanarak Prostat Kanseri Teshisi**
KAPLAN K., ERTUNÇ H. M.
26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Türkiye, 2 - 05 May 2018, ss.1-4
- **An Accelerated Durability of a Commercial Vehicle Based on Customer Usage Profiling Method**
TALAY M., ERTUNÇ H. M.
OTEKON 2018, Bursa, Türkiye, 7 - 08 May 2018, ss.631-641
- **İçten Yanmalı Pistonlu Motorlarda Piston Kolu Ağırlık Oranının Dengelemeye Etkisi**
KÜÇÜKATEŞ S., ERTUNÇ H. M.
3.Uluslararası Mühendislik Mimarlık ve Tasarım Kongresi, 4 - 05 May 2018, ss.134-136
- **Experimental Investigation of Cutting Speed on the Surface Roughness for CNC Machine,**
KUNCAN M., KAPLAN K., ERTUNÇ H. M. , KÜÇÜKATEŞ S.
1st International Engineering and Technology Symposium, IETS'18, 3 - 05 May 2018
- **Support vector regression modeling of the performance of an R1234yf automotive air conditioning system**
HOŞÖZ M., KAPLAN K., Aral M. C. , SUHERMANTO M., ERTUNÇ H. M.
5th International Conference on Energy and Environment Research (ICEER), Prague, Çek Cumhuriyeti, 23 - 27 Temmuz 2018, cilt.153, ss.309-314
- **Classification of Bearing Fault Size by Using Support Vector Machines**
KAPLAN K., KUNCAN M., ERTUNÇ H. M.
International Conference on Advances and Innovations in Engineering (ICAIE2017), 10 - 12 May 2017
- **Automation System Design For Fault Detection In Street Lighting**
AYAZ M., ERHAN K., KUNDAKÇI İ. M. , ERTUNÇ H. M.
International Conference on Technology, Engineering and Science (ICONTES), Antalya, Türkiye, 26 - 29 October 2017, cilt.1, ss.111-115
- **Sistem Yaklaşımı ve Kontrol Mühendisliği Açısından Yaratılış Gerçeği**
ERTUNÇ H. M.
I.Uluslararası Bilimler Işığında Yaratılış Kongresi, Urfa, Türkiye, 30 November - 02 December 2017
- **ANFIS Modelling of an Automotive Air Conditioning System Using R1234yf**
HOŞÖZ M., KAPLAN K., ARAL M. C. , SUHERMANTO M., ERTUNÇ H. M.
8th International Advanced Technologies Symposium (IATS'17), Elazığ, Türkiye, 19 - 22 October 2017, ss.539-546
- **Diagnosis of Bearing Faults with Signal Processing and Artificial Neural Networks**
CEYLAN N., KAÇAR S., KAPLAN K., ERTUNÇ H. M.
4th Conference on Computer and Experimental Science and Engineering, 4 - 08 October 2017
- **Artificial Neural Network Modelling of a Mobile Air Conditioning System Using Refrigerant R1234yf**
HOŞÖZ M., KAPLAN K., SUHERMANTO M., ARAL M. C. , ERTUNÇ H. M.
5th International Symposium on Innovative Technologies in Engineering and Science (ISITES'17), Baku, Azerbaycan, 29 - 30 September 2017, ss.615-624
- **Designing of a Shooting System Using Ultrasonic Radar Sensor**
KÖSE F., KAPLAN K., ERTUNÇ H. M.
5th International Symposium on Innovative Technologies in Engineering and Science, Baku, Azerbaycan, 29 - 30 September 2017, ss.1613-1622
- **DESIGNING A 2 D PAINTING ROBOT**
DEDE H., GÜNER H. E. , ERGÜNER K., KARATAŞ B., AKBAŞ Ö., ERTUNÇ H. M.
International Conference on Advanced Technology Sciences, İstanbul, Türkiye, 9 - 12 May 2017
- **2 DOF Vehicle Simulator, International Conference on Advances and Innovations in Engineering**
GÜNER H. E. , DEMİRCİ B., DOĞAN İ., YALÇIN S., YILDIRIM E., ERTUNÇ H. M.

International Conference on Advances and Innovations in Engineering, Elazığ, Türkiye, 10 - 12 May 2017, ss.176-179

- **Görüntü İşleme Tabanlı 4 Eksenli Çok Amaçlı Robot Mekanizması**
ÇUŞKUN Y., DUMAN F., BASIK H., GÜN F., KAPLAN K., ERTUNÇ H. M.
Elektrik, Elektronik ve Biyomedikal Mühendisliği Konferansı, ELECO 2016, Bursa, Türkiye, 1 - 03 December 2016, ss.247-251
- **Fuzzy Logic Based Ball on Plate Balancing System Real Time Control Image Processing**
ACAR F., KAPLAN K., KUNDAKCI İ. M. , KUNCAN M., ERTUNÇ H. M.
International Congress on Natural and Engineering Sciences, ICNES 2016, Üsküp, Makedonya, 1 - 05 September 2016
- **Process Control Methods Application in Education Set**
TOPRAK E., İZGÜ A., ÇETİN M., BALCI İ., KAPLAN K., KUNDAKCI İ. M. , KUNCAN M., ERTUNÇ H. M.
International Congress on Natural and Engineering Sciences, ICNES 2016, Üsküp, Makedonya, 1 - 05 September 2016, ss.31
- **Elektrikli Araçlarda Batarya Paketi Gerilim Ölçümü için Bir Sistem Tasarımı**
KIRCI A., SEZAL F., KUNDAKCI İ. M. , ERTUNÇ H. M.
8. Otomotiv Teknolojileri Kongresi, OTEKON'16, Türkiye, 23 - 24 May 2016, ss.28-32
- **5 Axis CNC Tire Surface Prototype Machine**
KUNCAN M., KAPLAN K., ERTUNÇ H. M.
3RD INTERNATIONAL SYMPOSIUM ON INNOVATIVE TECHNOLOGIES IN ENGINEERING AND SCIENCE, 3 - 05 June 2015
- **Design and Manufacturing of Mini CNC Vertical Machining Center for Educational Purposes and Obtaining Optimum Spindle Speed based on Machine Vibration**
TAŞTAN Y., ERTUNÇ H. M.
3RD INTERNATIONAL SYMPOSIUM ON INNOVATIVE TECHNOLOGIES IN ENGINEERING AND SCIENCE, 3 - 05 June 2015
- **Fuzzy Logic Approach to Vehicle Suspension System Control in CAE Environment**
DOĞAN H., KAPLAN K., KUNCAN M., ERTUNÇ H. M.
3RD INTERNATIONAL SYMPOSIUM ON INNOVATIVE TECHNOLOGIES IN ENGINEERING AND SCIENCE, 3 - 05 June 2015
- **Feature Extraction of Ball Bearings in Time Space and Estimation of Fault Size with Method of ANN**
KAPLAN K., BAYRAM S., KUNCAN M., ERTUNÇ H. M.
Proceedings of the 16th Mechatronika 2014, 3 - 05 December 2014
- **Image Processing Based an Olive Separation Machine**
KUNCAN M., ERTUNÇ H. M. , KÜÇÜKYILDIZ G., OCAK H., ÖZTÜRK S.
Proceedings of 18th International Conference. Mechanika 2013, 4 - 05 April 2013
- **Development of Rope Climbing Robot with Caterpillar**
KÖSE F., KUNCAN M., ERTUNÇ H. M.
Proceedings of 18th International Conference. Mechanika 2013, 4 - 05 April 2013
- **A DSPIC Based Real Time Position Control of a DC Motor Using PID and Fuzzy Logic Controller**
TAŞÇI G., KÜÇÜKYILDIZ G., ERTUNÇ H. M. , OCAK H.
Proceedings of the 18th International Conference, Mechanika 2013, 4 - 05 April 2013
- **Control of Single Phase UPS Inverter Using Fuzzy Gain Scheduling of PI Controller**
BOLAT E., ERTUNÇ H. M.
7th International Conference on Electrical and Electronics Engineering, ELECO2011, 1 - 04 December 2011
- **Real Time DSP Based PID and State Feedback Control of a Brushed DC Motor**
YOLAÇAN E., AYDIN S., ERTUNÇ H. M.
International Symposium on Information, Communication and Automation Technologies, ICAT2011, 27 - 29 October 2011
- **Vibration Analysis Based Localized Bearing Fault Diagnosis Under Different Load Conditions**
ERTUNÇ H. M. , OCAK H., MERDOĞLU M., BAYRAM S., ÇAVUŞ M.
Proceedings of 12th International Workshop on Research and Education in Mechatronics, 15 - 16 September 2011
- **PID and State Feedback Control of a Single Link Flexible Joint Robot Manipulator**

AKYÜZ İ. H. , ERTUNÇ H. M. , BİNGÜL Z.

Proceedings of the 2011 IEEE, International Conference on Mechatronics, 13 - 15 Nisan 2011

- **Online Fault Detection of Roller Element Bearings Applied On a Fuzzy Inference System**
ALIUSTAOGLU C., ERTUNÇ H. M. , OCAK H.
6th International Symposium on Intelligent and Manufacturing Systems Features, 14 - 16 October 2008
- **Diagnosis of Sectional Bearing Faults Using Vibration Analysis**
ALIUSTAOGLU C., ERTUNÇ H. M. , OCAK H.
9th International Workshop on Research and Education in Mechatronics, 18 - 19 September 2008
- **Applied Real Time Bearing Fault Diagnosis Based On Vibration and Current Analysis**
ALIUSTAOGLU C., ERTUNÇ H. M. , OCAK H.
Proceedings of The 2008 International Conference on Artificial Intelligence, 14 - 17 July 2008
- **Mikro Kontrolör Tabanlı PID Kontrol Sistemi Eğitim Seti**
KİZİR S., ERTUNÇ H. M.
TOK2006, Türkiye, 01 September 2006
- **İkili ve Renkli Logo ile Sayısal Damgalama**
KİZİR S., ERTUNÇ H. M. , OCAK H.
ELECO2006, Türkiye, 01 September 2006
- **Comparison of Inverse Kinematics Solutions Using Neural Network for 6R Robot Manipulator with Offset**
BİNGÜL Z., ERTUNÇ H. M. , OYSU C.
5th International Symposium on Intelligent Manufacturing Systems, 29 - 31 Mayıs 2006
- **Bubble Driven Microjet**
YİĞİT K. S. , ERTUNÇ H. M. , ARİK M., YAKUT M.
4th International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics, 19 - 22 September 2005
- **Applying Neural Network to Inverse Kinematic Problem for 6R Robot Manipulator with Offset Wrist**
BİNGÜL Z., ERTUNÇ H. M. , OYSU C.
7th International Conference on Adaptive and Natural Computing Algorithms, 21 - 23 March 2005, ss.112-115
- **Autoregressive and Adaline Network Modeling for Wireless Communications**
YİĞİT H., KAVAK A., ERTUNÇ H. M.
International Conference on Signals and Electronic Systems (ICSES 2004), Poznan, Polonya, 13 - 15 Eylül 2004, ss.127-130
- **Design and Implementation of a Mechatronics Systems Control Card PICLABOARD**
ÇELİKTEPE A., OYSU C., ERTUNÇ H. M.
The 9th Mechatronics Forum International Conference, 30 August - 01 September 2004
- **Fuzzy Logic Speed Control of a DC Motor**
AYDEMİR S., SEZEN S., ERTUNÇ H. M.
The 4th International Power Electronics and Motion Control Conference, 14 - 16 August 2004
- **The Decomposition of Turbulent Flows in a Forced Jet**
ERDİL A., ERTUNÇ H. M. , YILMAZ T.
Proceedings of the IEEE International Conference on Mechatronics, 3 - 05 June 2004
- **Using Autoregressive and Adaline Neural Network Modeling to Improve Dowlink Performance of Smart Antennas**
YİĞİT H., KAVAK A., ERTUNÇ H. M.
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