

ÖZGEÇMİŞ

GENEL

Yazım Tarihi (27.07.2017 17:24)

Adı Soyadı	Prof. Dr. Abdülkadir Erden		
Yazışma Adresi	Mekatronik Mühendisliği Bölümü Atılım Üniversitesi İncek 06836 Ankara		
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Özel			

EĞİTİM

Tarih	Derece	Üniversite/Fakülte/Bölüm/Ana Bilim Dalı
1977	Doktora	O.D.T.Ü. Makina Mühendisliği, Konstrüksiyon ve İmalat
1972	Yüksek Lisans	O.D.T.Ü. Makina Mühendisliği, Konstrüksiyon ve İmalat
1970	Lisans	O.D.T.Ü. Makina Mühendisliği, Konstrüksiyon ve İmalat

AKADEMİK

Tarih	Derece	Üniversite/Fakülte/Bölüm/Ana Bilim Dalı
1970	Araştırma Müh.	Şeker Fabrikaları Araştırma Enstitüsü
1971	Asistan	O.D.T.Ü. Makina Mühendisliği
1974	Öğretim Görevlisi	O.D.T.Ü. Makina Mühendisliği
1978	Yard. Doçent	O.D.T.Ü. Makina Mühendisliği
1982	Doçent	O.D.T.Ü. Makina Mühendisliği, Üretim Yöntemleri ve Tezgâhları
1988	Profesör	O.D.T.Ü. Makina Mühendisliği, Konstrüksiyon ve İmalat
2003	Profesör	Atılım Üniversitesi, Mekatronik Mühendisliği

YÖNETİM

Tarih	Görev	Kurum/Birim
1974-2003	Direktör	O.D.T.Ü. Makina Tasarım ve İmalat Araştırma Merkezi (MATİMAREN)
1976-1994	Kurucu Başkan	Makina Tasarım ve İmalat Derneği ve Makine Tasarım ve İmalat Dergisi, (MATİM)
1994-1996	Kurucu Editör	International Journal of Intelligent Mechatronics (IJIM)
1984-2002	Kurucu Başkan	Makina Tasarım ve İmalat Kongreleri, (UMTİK)
1999-2003	Kurucu Başkan	Mekatronik Mühendisliği Yan Dal Programı, O.D.T.Ü.
2003-	Kurucu Bölüm Başkanı	Mekatronik Mühendisliği Bölümü, Atılım Üniversitesi, (MECE)
2003-2005	Kurucu Bölüm Başkanı	Üretim (İmalat) Mühendisliği Bölümü, Atılım Üniversitesi (MFGE)
2005-	Kurucu Başkan	Robot Teknolojileri Araştırma ve Uygulama Merkezi, Atılım Üniversitesi, (RoTAM)
2005-	Kurucu Başkan	Elektro-erozyon Teknolojileri Araştırma ve Uygulama Merkezi, Atılım Üniversitesi, (EeTAM)
2005-	Kurucu EABD Başkanı	Mühendislik Sistemlerinin Modellenmesi ve Tasarımı Doktora Programı, Atılım Üniversitesi, (MODES)
2005-	Kurucu Direktör	Araştırma, Geliştirme ve Danışmanlık Projeleri Koordinatörlüğü, Atılım Üniversitesi, (ARGEDA-TTO)

MESLEKİ KURULUŞLAR

Makine Mühendisleri Odası (MMO)

Üye (1971)

Amerikan Makine Mühendisleri Odası (American Society of Mechanical Engineers (ASME))

Üye (1982)

Türkiye Temsilcisi (1989-1996)

Kıdemli Üye (Fellow Member, 2010)

Amerikan Süreç ve Tasarım Bilimi Derneği (Society for Process and Design Science (SPDS))

Kurucu Üye (1997)

PROJELER (Proje listesi sadece Büyük ölçekli Atılım Üniversitesi projelerini kapsamaktadır.)

DESTEKLENEN PROJELER

TÜBİTAK PROJELERİ

Proje No	Proje Adı	Başlama-Bitiş Tarihi
101M079	Mini/Mikrorobot Tasarımı ve Mini/Mikrorobot Kolonisi Oluşturma ve Geliştirme Projesi	01/03/2002 01/09/2003
109M379	Biyobenzetim Tasarım Metodolojisinin, Tersine Mühendislik ile Biyobenzetim Robot Tasarımı, Denetimi ve Bilişsel Tanıma Üzerinde Geliştirilmesi	01/07/2010 01/07/2012
5130001	Seralarda Kesme Gül Hasatı Robotu (Gülderen Robot)	01/07/2013 30/06/2015
117E329	Sosyal öğrenme becerisine sahip kişiselleştirilebilen robotlar için özgün insan-robot etkileşim platformunun geliştirilmesi, uygulanması ve sınanması	2. aşama değerlendirme

DPT PROJESİ

-	Mikro ve Mini Makina ve Robotların Üretimi (Tasarım ve İmalat) için Mikro-İşleme yöntemlerinin (özellikle Mikro-EDM) Geliştirilmesi ve Uygulanması	01/01/2006 31/12/2009
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DESTEK ALMAYAN PROJELER

ANKA	Çok Amaçlı Modüler Rehber/Bekçi Robot Tasarımı, İmalatı ve Uygulama Örneklerinin Geliştirilmesi	2015-
116M627	Giyilebilir robotik teknoloji ile donatılmış servis köpeği, robotik sedye ve uçan robottan oluşan arama-kurtarma takımı tasarımı, geliştirilmesi ve uygulanması	2016-
TÜBİTAK	Otizm Spektrum Bozukluğu (OSB) Tanısı olan Çocuklara Robotla Öğretim Projesi (Ufuk Üniversitesi)	2015

THESIS SUPERVISED

Ph.D.
1. Computer Aided Evaluation and Computer Control of Electric Discharge Machining Process by Using Properties of Pulse Trains, Can ÇOĞUN , 1987.
2. A Petri Net-Based Inference Network for Design Automation at Functional Level Applied to Mechatronic Systems, Zühal Erden , 1999.
3. Theoretical and Experimental Investigation of Residual Stresses in Electric Discharge Machining, Bülent Ekmekçi , 2004.
4. An evolutionary methodology for conceptual design, Serkan Güroğlu , 2005.
5. A Conceptual Bioinspired Design (BID) Process Model for Hybrid Bioinspired Robots, Aylin Konez Eroğlu , 2013.
M.Sc.
1. Effect of Impurities in Dielectric Liquids on Electric Discharge Machining, Selahattin Bilgin , 1977.
2. Investigation on the use of Water as Dielectric Liquid in Electric Discharge Machining, Dilek Temel , 1977.
3. An Investigation on the Tool Electrode Design, Tufan Yorulmaz , 1977.
4. Design and Construction of a Metal Spraying Unit and Applications of Sprayed Electrodes in Electric Discharge Machining, Gürbüz Gülersoy , 1977.
5. Investigations on Pulse Trains in Electric Discharge Machining, Can Çoğun , 1982.
6. Determination of the Experiment Sample Size in EDM, Haluk Darendeliler , 1983.
7. Design, Construction and Application of a Metal Wire Spraying Unit to Coat Plating Housing for RFI and EMI Shields, Bektaş Erdoğan , 1985.
8. Experimental Investigation on Machining Parameters in Wire EDM, Tanju Ardali , 1985.
9. Computer Automated Access to the F.E.M. Rules for Crane Design, Zühal Ünsal , 1992.
10. Development of a Design Software for the Selection of Components for the Hoisting mechanisms of cranes, Murat Erkan , 1993.
11. Thermo-mathematical Modeling and Optimization of Energy Pulse form for Maximum Material removal in E.D.M., Halil Yılmaz , 1993.
12. Development of Design Automation Software for the Design and Selection of Solar Water Heating Systems, Okan Toker , 1993.
13. Design, and Development of a Software to Generate Data Files of 2D Objects for Drafting Software Packages, Ender F. Arslan , 1993.
14. Computer Aided Modeling and Simulation of Crater Formation in E.D.M., Murat Kögmen , 1993.
15. Further Studies on Computer Automated Access to the FEM Rules for Crane Design, Cenk Alper , 1994.
16. Design and Production of a Mobile Robot Prototype as a Technology Demonstrator, Cem Kendi , 1994.
17. Design, Construction and Testing of a New Closed Type Belt Conveyor, Serhan Bilgin , 1994.
18. Development of an Image Analysis and Interpretation Software for Navigation of Mobile Robots, Erhan Çokal , 1996.
19. Estimation of Mobile Robot Location by using a Single CCD Camera, Kağan Özdemir , 1996.
20. Development of a Computer Automated Design Procedure for Overhead Traveling Cranes by using F. E. M. Rules Software, Hakan Kesemen , 1997.
21. Design and Production of a Mobile Robot for University Education, Doğu Öztürk , 1997.
22. Development of an Expert System Shell Specific to Selection of Machines and Machine elements, Alp Eren Sinan Özhan , 1997.
23. Development of a Knowledge-Based System to Select Bearings, İ. Ender Taner , 1997.
24. Development of a Design Language to Implement in Virtual Design Studio, M. Cem Baydar , 1998.
25. Implementation of an algorithm for Petri Net Based Design Inference Network, Serkan Güroğlu , 1999.
26. Development of a Metamorphic Robotic system, Ali Emre Turgut , 1999.
27. Improvement of an Image Processing System for Autonomous Mobile Robot Navigation, Lütfi Onur Çetin , 2000.

28. Improvement of MODROB-C Robot to Eliminate Steering and Positioning Problems, **Mete Aydemir**, 2000.
29. Modularity Features of a Petri Net-Based Design Inference Network, **Meltem Korkmazel**, (June 2001).
30. Development of mini/micro robots for demonstrative purposes, **Dilek Başaran**, 2003.
31. Development of Modular Robots for High School and Undergraduate Education, **Alper Erdener**, 2003.
32. Software Development for Multi-level Petri Net-Based Design Inference Network, **Çağdaş Coşkun**, 2004.
33. Design of Mini Swimming Robot using Piezoelectric Actuator, **Şafakcan Tunçdemir**, 2004.
34. Demonstration of a hovering platform for Undergraduate Laboratory, **F. Buğra Çamlıca**, 2004.
35. Development and Analysis of Grasshopper-like Jumping Mechanism in biomimetic Approach, **Aylin Konez Eroğlu**, 2007.
36. Manufacturing of Micro Holes by using Micro Electric Discharge Machining (Micro-EDM), **Tahsin Tecelli Öpöz**, 2008.
37. Face Recognition System, **Cahit Gürel**, 2011.
38. Design and Implementation of a Platform Independent ASR System, **Doğan Urgan**, 2012.
39. Design and Manufacturing of a hybrid “dog-lobster” bio-robot as implementation of the “bio-inspired design methodology”. **Emre Güner**, 2014.
40. Development of a Simulation Model for Mechatronics Engineering Systems, **Sümeyye Betül Coşkunoğlu**, 2015.

PhD/M.Sc. (Current Studies)

- Object recognition and spatial location in 3D unstructured environments using robot vision with application on rose harvesting, **Cahit Gürel**, PhD.
- Development of a Novel Model of Decision Making for Autonomous agents and its implementation in Intelligent Robots, **Hassan M. G. Zadeh**, PhD.
- 3D Analysis of Human Gait using High Speed Camera for Conceptual Design of Wearable robots, **Banu Hatice Gürcüm**, PhD.

YAYINLAR/PUBLICATIONS (Updated 25/07/2017 tarihinde güncellenmiştir.)

No/ Sıra	Year/ Yıl	Publications List/ Yayın Listesi
185	2017	A. Erden, G. Çakır, C. Doğan, O. A. Kuşçu, İ. Özden, S. Tercan, Rehber Bekçi Robot, MeMÖK2017
184	2016	C. Gürel, M. H. Zadeh, A. Erden, Development and Implementation of Rose Stem Tracing using a Stereo Vision Camera System for Rose Harvesting Robot, 8th International Conference on Image Processing, Wavelet and Applications, 22-24 September 2016, Istanbul-Turkey
183		C. Gürel, H. Zadeh, A. Erden, Rose Stem Branch Point Detection and Cutting Point Location for Rose Harvesting Robot, The 17 th International Conference on Machine Design and Production, July 12-15 2016, Bursa, Turkey
182	2015	H. Zadeh, H. Tora, C. Gürel, A. Erden, Rose Flower Stem Detection by Spatial and Spectral Based Feature Extraction Methods.
181		A. Erden, Robot Görme, Mekatronik Zeka ve Seralarda Gül Toplayan Robot, Yapay Zeka ve Görüntü İşleme Günleri, YAZGİG2015, Mayıs 2015, Ankara
180		A.Ç. Çakırer, F. İlim, H.F. Kalkan, A. Erden, H. Zadeh, Robotik Hasat için Gül Olgunluğunun Belirlenmesi, 6. Ulusal Mekatronik Mühendisliği Öğrenci Kongresi, (MeMÖK2015), Haz. 2015, Atılım Üniversitesi
179		A. Erden, Üniversitelerde bilgi üretimi ve AR-GE, Düşünenlerin Düşüncesi, Milliyet, 4 Kasım 2015.
178		C. Gürel, H. Zadeh, A. Erden, Rose Stem Branch Point Detection and Cutting Point Location for Rose Harvesting Robot, Mechatronics and Machine Vision in Practice, M2ViP2015, (2015).
177	2014	A.K. Eroğlu, Z. Erden, A. Erden, Bioinspired Transformation for Design of Biorobots, The 16th International Conference on Machine Design and Production, June 30 – July 03 2014, İzmir, Türkiye
176	2013	A.K. Eroğlu, Z. Erden, A. Erden, Developing an analysis process for biological systems to design biorobots- A case study of human hand gripping motion <i>The 20th Int. Conf. Mechatronics and Machine Vision in Practice M2ViP2013, s., (2013)</i>
175		C. Gürel, A. Erden, Face Detection Algorithm with Facial Feature Extraction for Face Recognition System, <i>The 20th Int. Conf. Mechatronics and Machine vision in Practice M2ViP, s., (2013)</i>
174		C. Gürel, A. Erden, Conceptual Design of Rose Harvesting Robot for Greenhouses, <i>The 20th Int. Conf. Mechatronics and Machine Vision in Practice M2ViP2013, , s., (2013)</i>
173	2012	H. Akay, A. Erden, A Team-based Undergraduate Research Projects Program, 2nd International Engineering Education Conference (IEEC2012), "New Trends and Expectations", October 31 - November 3, 2012, Club Hotel Sera, 07160 Lara, Antalya, TURKEY.
172		Arslan B., Erdoğan Ç., Oğuz H., Öztaş H., Akkaya İ.M., Erden A., Sağlıklı İnsan yürüyüşü Analizi, 4. Ulusal Mekatronik Mühendisliği Öğrenci Kongresi (MeMÖK2013), 8 Haziran 2013, Atılım Üniversitesi, Ankara.
171		A. Konez Eroğlu, E. Güner, C. Gürel, Z. Erden, A. Erden, Design and Manufacturing of a Cockroach Biorobot for Implementation of a Bioinspired Conceptual Design (BICD) Methodology", <i>Proceedings of the 15th International Conference on Machine Design and Production (UMTİK 2012), 19-22 June 2012, Pamukkale, Denizli, Turkey.</i>
170		C. Gürel, A. Erden, Design of a Face Recognition System, <i>Proceedings of the 15th International Conference on Machine Design and Production (UMTİK 2012), 19-22 June 2012, Pamukkale, Denizli, Turkey.</i>

169		A. Erden, Robotlar ve Mekatronik Mühendisliği, Cumhuriyet Bilim Teknik Dergisi, Mart 2012
168		A. Erden, Mekatronik Mühendisliği ve Robotlar, Mühendis ve Makina, Temmuz 2011.
167		Z. Erden, A. Konez Eroğlu, A. Erden, Mekatronik Mühendisliğinde Davranış Tabanlı Kavramsal Tasarım ve Biyo-Esinlenmiş Robot Tasarımına Uygulanması Cumhuriyet Bilim Teknik Dergisi, 7 Ekim 2011.
166		A. Konez Eroğlu, Z. Erden, A. Erden, Biyo-Esinlenmiş Tasarım ve Biyo-Robotlar, Cumhuriyet Bilim Teknik Dergisi, 25 Kasım 2011.
165		Z. Erden, A. Erden, An Incremental Approach to Teach Mechatronics Design at the Sophomore Level of Mechatronics Engineering Education 12th International Workshop on Research and Education in Mechatronics, September 2011, Kocaeli, Turkey.
164		A. Konez Eroğlu, Z. Erden, A. Erden, Kavramsal Mekatronik Tasarımda Davranış Tabanlı Modelleme Yaklaşımı ve Biyobenzetim Robot Tasarımına Uygulanması, Mühendis ve Makina, Temmuz 2011.
163		A. Konez Eroğlu, Z. Erden, A. Erden, Biological System Analysis in Bioinspired Conceptual Design (BICD) for Bioinspired Robots, Control Engineering and Applied Informatics, v. 13, pp. 81-86, 2011.
162		A. Konez Eroğlu, Z. Erden, A. Erden, Biological System Analysis in Bioinspired Conceptual Design (BICD) for Bioinspired Robots, The 10th International Conference on Mechatronics and Precision Engineering (COMEFIM10), Romania, 2011.
161		A. Konez Eroğlu, Z. Erden, A. Erden, Bioinspired conceptual design (BICD): conceptual design of a grasshopper-like jumping mechanism as a case study, International Conference on Engineering Design (ICED11), Copenhagen, Denmark, 2011.
160		A. Konez Eroğlu, Z. Erden, A. Erden, Bioinspired conceptual design (BICD) approach for hybrid bioinspired robot design process, <i>IEEE International Conference on Mechatronics</i> , İstanbul, Turkey, 2011.
159		A. Erden, BioMimetic/BioInspired Robots and Mechatronics Engineering Design, Proceedings of the International Symposium of Mechanism and Machine Theory, AzCIFTtoMM, Izmir Institute of Technology, 5-8 October 2010, Izmir, Turkey.
158	2010	A. Konez Eroğlu, Z. Erden, A. Erden, Towards Development of a New Biomimetic/Bioinspired Design Methodology, The 14th International Conference on Machine Design and Production, June 2010, NCTR.
157		B. Ekmekçi, A. Sayar, T.T. Öpöz, A. Erden, Debris Accumulation Phenomena in Micro Electric Discharge Machining of Micro Holes, The 14th International Conference on Machine Design and Production, June 2010, NCTR.
156		B. Ekmekçi, A. Sayar, T.T. Öpöz, A. Erden, Characteristics of Surface Damage in Micro Electric Discharge Machining, <i>Advanced Materials Research</i> , v. 83-86, 2010, pp. 688-695.
155	2009	T. T. Öpöz, B. Ekmekçi, A. Erden, An Experimental Study on the Geometry of Micro Holes in Electric Discharge Machining, <i>Materials and Manufacturing Processes Journal</i> , v. 24: 2009, pp. 1236-1241.
154		B. Ekmekçi, A. Sayar, T.T. Öpöz, A. Erden, Geometry and Surface Damage in Micro Electric Discharge Machining of Micro Holes, <i>Journal of Micromechanics and Microengineering</i> , v. 19, 2009, pp. 1-16.
153	2008	T.T. Öpöz, A. Erden, Mini/Mikro Makinalar ve Mekatronik Mühendisliği, <i>Popüler Bilim Dergisi</i> , 2008.
152		T.T. Öpöz, B. Ekmekçi, A. Erden, Micro Electrical Discharge Machining for Manufacturing of Micro Components, 11 th Mechatronics Forum Biennial International Conference, June 2008, Limerick, Ireland.

151		B. Ekmekçi, A. Sayar A., Öpöz T.T., A. Erden, Characteristics of Surface Damage in Micro Electric Discharge Machining of Micro Holes, Proc. Advances in Materials and Manufacturing Technologies, Bahrain, 2008.
150		T. T. Öpöz, B. Ekmekçi, A. Erden, An Experimental Study on the Geometry of Micro Holes in Electric Discharge Machining (Micro-EDM), The 13 th International Conference on Machine Design and Production, September 2008, İstanbul, Turkey.
149		A. Konez Eroğlu, A. Erden, M. Akkök, Development of a New Artificial Muscle for a Grasshopper-Like Jumping Mechanism, The 13 th International Conference on Machine Design and Production, September 2008, İstanbul, Turkey.
148		A. Konez Eroğlu, A. Erden, M. Akkök, Design and Analysis of Grasshopper-Like Jumping Leg Mechanism in Biomimetic Approach, 11 th Mechatronics Forum Biennial International Conference, June 2008, Limerick, Ireland.
147		A. Erden, A. Konez Eroğlu, Mekatronik Mühendisliğinde Biyobenzetim (Biyomimetik) Yaklaşımlar, Otomasyon Dergisi, Bileşim Yayıncılık, Mart 2008, sayfa:196-200.
146	2007	A. Erden, Mekatronik Mühendisliği, Kavramlar ve Uygulamalar, MMO Yayın No: 2007/422. (Mechatronics Engineering, Concepts and Applications, Publ. MMO, 169 p.)
145		B. Ekmekçi, E. Tekkaya, A. Erden, A Semi-empirical Approach for Residual Stresses in Electric Discharge Machining (EDM), International Journal of Machine Tools and Manufacture, 46: pp. 858-868, 2006.
144		A. Erden, Mekatronik Mühendisliği ve Uygulama Alanlar, 1nci Optik, Elektro-Optik Konferansı, Bildiri Kitabı, Kara Kuvvetleri Lojistik Komutanlığı, pp. 28-46, 2006.
143	2006	A. Erden, T.T. Öpöz, B. Ekmekçi, O. Elkoca, S. Halkacı, Manufacturing of Smaller Holes by using Micro-Electrical Discharge Machining (Micro-EDM), The 12 th International Conference on Machine Design and Production, Proceeding pp. 859-869, September 2006, Kuşadası, Turkey.
142		A. Konez, A. Erden, M. Akkök, Preliminary Design Analysis of Like-Grasshopper Jumping Mechanism, The 12 th International Conference on Machine Design and Production, Proceeding pp. 829-847, September 2006, Kuşadası, Turkey.
141		B. Ekmekçi, O. Elkoca, A.E. Tekkaya, A. Erden, Residual Stress State and Hardness Depth in Electric Discharge Machining: De-ionized Water as Dielectric Liquid, Machine Science and Technology, Vol. 9, pp. 39–61, 2005.
140	2005	B. Ekmekçi, O. Elkoca, A. Erden, A Comparative Study on the Surface Integrity of Plastic Mold Steel due to Electric Discharge Machining, Metallurgical and Materials Transactions B, Vol. 36B, pp. 117-124, 2005.
139		S. Güroğlu, A. Erden, D. Akbulut, B. Özgüç, Creativity as an Evaluation Measure for Evolutionary Conceptual Design, Proc. 6th International Conference on Computer Aided Industrial Design and Conceptual Design, CAID&CD2005, Delft, Netherlands, 2005.
138		S. Güroğlu, A. Erden, Development of an Evaluation Measure for Genetic Approach to Functional Level Conceptual Mechatronic Design, 9 th Mechatronics Forum - International Conference, August 30- September 1, 2004, Ankara, Turkey.
137		S. Güroğlu, A. Erden, An Evolutionary Approach for Functional Level Conceptual Design of Products, International Design Conference, DESIGN 2004, May 18-21, 2004, Dubrovnik, Croatia.
136	2004	Ş. Tunçdemir, B. Koç, A. Erden, Design of a Swimming Robot, The 9th Mechatronics Forum, International Conference, Aug. 30-Sept. 2, 2004, Ankara, Turkey.
135		B. Ekmekçi, A. Erden, Remarks On Surface Integrity Of Electric Discharge Machined Surfaces: A State of Art Review, Proc. The Eleventh International Conference on Machine Design and Production, 13 - 15 October 2004, Antalya, Turkey.

134		Ç. Coşkun, M. Korkmazel, A. Erden, Software Development For Multi-Level Petri Net Based Design Inference Network, Proc. The Eleventh International Conference on Machine Design and Production, 13 - 15 October 2004, Antalya, Turkey.
133		B. Ekmekçi, N. Ekmekçi, A. E. Tekkaya, A. Erden, Residual Stress Measurement With Layer Removal Method, Proceedings of the First Cappadocia International Mechanical Engineering Symposium, 14-16 July 2004, Cappadocia, Turkey.
132		B. Ekmekci, O. Elkoca, A.E. Tekkaya, A. Erden, Residual Stress State and Hardness Depth in Electric Discharge Machining: De-Ionized Water as Dielectric Liquid, Machining Science and Technology, 2004.
131		Z. Erden, A. Erden, and A.M. Erkmen, A Petri Net Approach to Behavioral Simulation of Design Artifacts with Application to Mechatronic Design, Research in Engineering Design, 14, pp.34-46, 2003.
130		B. Ekmekçi, O. Elkoca, A.E. Tekkaya and A. Erden, Residual Stress State in Electrical Discharge Machined Surface of Plastic Mold Steel with De-Ionized Water as Dielectric Fluid, Proceedings of AMPT2003, 8-11 July 2003, Dublin, Ireland.
129	2003	S. Güroğlu, A. Erden, Development of a Representation Scheme for the Application of Genetic Methodology to Functional Design, International Conference on Engineering Design, ICED 03, August 19-21, 2003, Stockholm, Sweden.
128		A. Erden (Ed.), Robotik 1, Yeni Ufuklara, TÜbitak Bilim ve Teknik Dergisi, Mayıs 2003.
127		A. Erden (Ed.), Robotik 2, Yeni Ufuklara, TÜbitak Bilim ve Teknik Dergisi, Temmuz 2003.
126		A.E. Turgut, K.B. Arıkan, A. Erden, A Senior Level Mechatronics Design Course in METU., The 6th International Conference on Mechatronic Design and Modeling (MDM), 2002, Capadocia, TURKEY.
125		B. Koç, D. Başaran, T. Akın, A. Erden, Design of a Piezoelectric Ultrasonic Motor for Micro-Robotic Application, The 6th International Conference on Mechatronic Design and Modeling (MDM), 2002, Capadocia, TURKEY.
124		H. S. Halkacı, A. Erden, Experimental Investigation of Surface Roughness in Electric Discharge Machining (EDM)., 6th Biennial Conference on Engineering Systems Design and Analysis (ESDA) 2002, Istanbul, Turkey, July 8-11, 2002.
123	2002	B. Ekmekçi, A.E. Tekkaya, A. Erden, Investigation of Residual Stresses on Electrical Discharged Machined Surfaces.", 6th Biennial Conference on Engineering Systems Design and Analysis (ESDA) 2002, Istanbul, Turkey, July 8-11, 2002.
122		B. Ekmekçi, O. Elkoca, F. Koltuk, A.E. Tekkaya, A. Erden, Metallurgical Properties of Electric Discharge Machined Surfaces", 6th Biennial Conference on Engineering Systems Design and Analysis (ESDA) 2002, Istanbul, Turkey, July 8-11, 2002.
121		B. Ekmekçi, O. Elkoca, A.E. Tekkaya, A. Erden, Observation on Cracking Behavior of Micro Alloy Steel in Electric Discharge Machining (EDM), 6th Biennial Conference on Engineering Systems Design and Analysis (ESDA) 2002, Istanbul, Turkey, July 8-11, 2002.
120		Erden Z., Erkmen A., Erden A., Synthesis of Petri-Nets and Hybrid Automata in the Automation of Conceptual Design, Makina Tasarım ve İmalat Dergisi, Vol. 4, No:1, 2001, pp.33-46.
119	2001	Erden A., (Guest Editor), "Editorial", Mechatronics, Vol. 11, 2001, pp. 369-370.
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