



H. Bülent Ertan, Ph.D.
Professor of Electrical and Electronics Engineering
 Atılım University
 Department of Mechatronics Engineering
 06830 İncek, Gölbaşı, Ankara/TURKEY
 Bulent.ertan@atilim.edu.tr
 Tel: +90 312 586 8315

EDUCATION

1973-1977	The University of Leeds, Electrical and Electronics Engineering, Ph.D.
1971-1973	Middle East Technical University, Electrical and Electronics Engineering M.S.
1988-1992	Middle East Technical University, Electrical and Electronics Engineering, B.S.

ACADEMIC POSITIONS

2018-Present	Professor, Mechatronics Engineering, Atılım University, Turkey Head of Department
2017-2018	Professor, Electrical and Electronics Engineering, Atılım University, Turkey
1988 – 2016	Professor Electrical and Electronics Eng. METU, Turkey
1983 – 1988	Assoc. Prof. Electrical and Electronics Eng. METU, Turkey
1979 – 1983	Asst. Prof. Electrical and Electronics Eng. METU, Turkey
1978	Lecturer Electrical and Electronics Eng. METU, Turkey

ADMINISTRATIVE DUTIES

2018-Present	Head of Department, Mechatronics Engineering, Atılım University
2011-2014	Assistant Chair, IEEE “Guide for testing permanent magnet machines” working group, IEEE
2012-2016	Chair METU Dormitories board Middle East Technical University
2011-2016	METU-WIND member of board of directors
2000 – 2016	Member of Board of Trustees Prof. Dr. Parlar Education and Research Foundation
1996 – 200	Project Group Coordinator Bilten (TÜBİTAK) Research Institute
1995 – 2001	Group Coordinator Bilten (TÜBİTAK) Research Institute
1999 – 2000	Chairman of Board of Trustees Prof. Dr. Parlar Education and Research Foundation
1995 – 1996	Asst. Director Bilten (TÜBİTAK) Research Institute
1988 – 1989	Asst Dean Faculty of Engineering METU
1985 – 1988	Asst. Head of Dept. Electrical and Electronics Eng. Dept. Middle East Technical University

RESEARCH INTERESTS

1	Electrical machine design (SR, Induction, synchronous machines)
2	Electrical drives (vector controlled drives)
3	Renewable energy systems (wind energy conversion)
4	Engineering Education

AWARDS

IEEE Trial Guide for Testing Permanent Magnet Machines, Working Group Recognition Award, 2013	IEEE USA	2015
Akın Çakmakçı Reward for most successful Industry –University Cooperation	Turkish Technology Development Foundation TTGV	2002
Clean Energy Foundation Project Award	Clean Energy Foundation	2004
Overseas Premium	IEE UK	1995

PUBLICATIONS

1	Harris M.R. , Andjargholi V., Lawrenson P.J. , Hughes A. , Ertan B., " <i>Static torque in PM and VR stepping motors a comparative review</i> ", IEE Conference on Small Electrical Machines, IEE publication No.136, March 1976, proceedings 100-107.
2	Harris M.R. , Andjargholi V., Lawrenson P.J. , Hughes A. , Ertan B., " <i>Unifying approach to the static torque of stepping motor structures</i> ", Proc. IEE, 124, No.12, 5 th. October 1977, pp.1215-1224.
3	Ertan H.B. , Hughes A. , Lawrenson P.J. , " <i>Efficient numerical method for predicting the torque- displacement curve of saturated VR stepping motors</i> ", IEE Proc. Vol. 127, Pt.B, No.4, 1980, pp. 246-252.
4	Kükrer O.T., Ertan H.B., "An integral equation approach to the computation of nonlinear fields in electrical machines, IEEE Trans. on Magnetics. 24, No 4, July (1988), pp.1118-1124.
5	Ertan, H.B., " <i>Analytical Prediction of Torque and Inductance Characteristics of Identically Slotted Doubly- Salient Reluctance Motors</i> ", IEE Proc. Pt B, 133, No.4, (1986), pp. 230- 236.
6	Ermiş, M., Ertan, H. B., " <i>Various Induction Generator Schemes for Wind-Electricity Generation</i> ", Electric Power systems Research, 23 July 1992, pp.71-83.
7	Ermiş, M., Ertan, H.B., Akpınar, E., Ülgüt, F., " <i>Autonomous Wind Energy Conversion System With a Simple Controller</i> Fclick to read this paper or

	<i>Maximum Power Transfer</i> ", IEE overseas premium award. IEE Proc., Part B, Vol 139, No 5 Sep.1992, pp. 421-428.
8	Ertan, H. B., Leblebicioğlu, K., Hamarat S., "Design of Double Speed and Variable Frequency Driven Induction Motors", Electromotion, Vol. 4, No.1, January 1997, pp.38-43.
9	Ertan, H. B, Leblebicioğlu, K., Şimşir, B., Hamarat, S., Çekiç, A., Pirgaip M., "Design Optimization of Variable Frequency Driven Three Phase Inductions Motors", COMPEL, The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, Vol. 17 No.1/2/3. 1998, MCB University Press, 0332-1649. pp. 135-140
10	Çadırcı, I., Ermiş, M., Nalçacı, E., Ertan, H.B., Rahman, M., "A Solid State Direct On line Starter for Medium Voltage Induction Motors with Minimized Current and Torque Pulsations", IEEE Transactions on Energy Conversion, Vol. 14, No. 3, September 1999, pp. 402-412
11	Ertan, H. B., "Prediction of Torque and Inductance Displacement Characteristics of Asymmetrically Slotted Variable-Reluctance Motors Using a Simplified Model for Numerical Field Solution", IEEE Transactions on Magnetics Vol. 35 No. 5 September 1999, pp. 4247-4258.
12	Şahin, F., Ertan H.B., Leblebicioğlu, K. " Optimum Geometry for Torque Ripple Minimization of Switched Reluctance Motors", IEEE Transactions on Energy Conversion, Vol. 15, No. 1, March 2000, pp. 30-40
13	H. Bülent Ertan, Hayrettin Can, Erhan Akin; "A New Integration Algorithm for Flux Estimation Using the Voltage Model" COMPEL, Vol. 21, No., 2, 2002, pp.135-140
14	H. Bülent Ertan, Bülent Dağ, Gerard Capolino; "Calculation of Parameters of Single Phase PM Motor for Design Optimization", IEEE Trans. On Energy Conversion, Vol. 20, No. 3, September 2005, pp. 538-548.
15	H. Bülent Ertan, Erdal Bayramlı, Özgür Gölgelioğlu; "Powder Metal Development for Electrical Motor Applications", Journal of Materials Processing Technology, 2005, pp.83-88
16	Bülent Ertan, N. Balkan Şimşir; "Comparison of PWM and PFM Induction Drives Regarding Audible Noise and Vibration for Household Applications"; IEEE IAS, Dec. 2004, Volume 161, Issues 1-2, pp 84-88.
17	H. Bülent Ertan, N. Balkan Şimşir; "Comparison of PWM and PFM Induction Drives Regarding Audible Noise and Vibration for Household Applications", IEEE IAS, Dec. 2004, pp. 1621-1628.
18	Cüneyt Karacan, H. Bülent Ertan; "Evaluation of a Radial Flux – Brushless DC Drive and an Induction Motor Drive for Washing Machine Applications" Electromotion, September 2005, No 2-3 pp.133-140
19	İres İskender, Yıldırım Üçtuğ, H. Bülent Ertan " Steady-state modeling of a phase-shift PWM Parallel Resonant Converter" COMPEL (The International

	Journal for Computation and Mathematics in Electrical and Engineering), November 4, 2005, pp. 883-899
20	İres İskender, Yıldırım Üçtuğ, H. Bülent Ertan “ <i>DSP microcontroller-based fuzzy control of a DC/DC parallel resonant converter using phase-shift PWM technique</i> ” COMPEL (The International Journal for Computation and Mathematics in Electrical and Engineering), November 4, 2006, pp.827-840
21	Keysan, O., Ertan, H. Bülent, “Asenkron motorlarda Oluk Sayısının Gövde Dışına Takılan bir Bobinle Belirlenmesi”, EMO Bilimsel Dergi, Cilt 2 sayı 3, Haziran 2012.
22	Ozan Keysan, H. Bülent Ertan, “ <i>Real Time Speed & Position Estimation Using Rotor Slot Harmonics</i> ” IEEE Trans. Industrial Informatics, paper No: 10.1109/TII.2012.2210231 , 2013
23	Ozan Keysan , H. Bülent Ertan “ <i>Determination of Rotor Slot Number of an Induction Motor Using an External Search Coil</i> ”, Facta Universitatis. Series: Electronics and Energetics. Energy., vol. 22, No :2 Publisher :University of NIS, Month :8 Year :2009, Yugoslavia, pp:227-234
24	Keysan, O., Ertan, H. Bülent, “Asenkron motorlarda Oluk Sayısının Gövde Dışına Takılan bir Bobinle Belirlenmesi”, EMO Bilimsel Dergi, Cilt 2 sayı 3, Haziran 2012.
25	H. B. Ertan, T. Filci; Sensörsüz Vektör Kontrol Performansını Artırmak İçin bir Yöntem, EMO Bilimsel Dergi, 2019, vol 8 issue 2 pages 137-144

PROJECTS

INDUSTRY SUPPORTED (selected)	
1	Metro Aracı için Cer Motoru Tasarımı ve İmalatı ve Testi. TUBİTAK 8150086, Elsan AŞ 2017-2019.
2	Hibrid araç tasarımı, (FNSS AŞ) 2019-2020
3	PM motor Elektromanyetik analiz projesi (FAZ AŞ) 2014-2015 ,
4	Yüksek devirli (40 000 d/d) PM motor tasarımı (VORTEX) 2014,
5	Yüksek Gerilim Yüksek Güçlü Fırçasız PM Motor için Sürücü Geliştirme.(ASELSAN) 2013-2015,
6	Köyceğiz Dalyan Özel Çevre Koruma Bölgesi Dalyan Kanallarında Seyreden Tekneler için Yenilenebilir Enerji Tabanlı Tahrik Sistemi, Özel Çevre Koruma Kurulu, Mayıs -Temmuz 2009.
7	Fırçasız Servo DC Motor (FSDM) Geliştirilmesi Projesi, (Ocak 2006-2008) (ASELSAN – TÜBİTAK UZAY) 7061301
8	Mobil Radyoloji Ünitesi Geliştirilmesi, (Temmuz 2004-2006) (KANIT KİMYA– TÜBİTAK BİLTEN) 7041301 Development of a Mobile Radiology Unit
9	Çamaşır Makinesi için Asenkron Motor Denetleyicisi Geliştirilmesi Projesi (KAREL A.Ş.–TÜBİTAK BİLTEN) 7031303, (Ocak 2004-2005)Development of an Asynchronous Motor Drive for Washing Machines

10	Piştirme Amaçlı Endüksiyon Ocağı için Endüstriyel Tasarım (KOMSA A.Ş. – TÜBİTAK BİLTEN) 7031302, (2002-2003) Industrial Design for an Induction Cooker
11	High Frequency X-Ray Power Supply 7971330D (TÜBİTAK BİLTEN) Development of High Frequency X-ray Power Supply 1997-2000
12	Piştirme Amaçlı Endüksiyon Ocağı Sürücü Geliştirilmesi (KOMSA A.Ş-TÜBİTAK BİLTEN) 7001302D(2000-2001)Development of an Induction Cooker
13	Güç Elektroniğı ve Radyoloji Lab. Geliştirilmesi, Mayıs 1997, Eylül 2001 AFP-03-01-96K121600 Power Electronics and Rdiolay Laboratory Development
14	Bilten ve Aselsan'a Teknik Danışmanlık 1/9/1997 - 31/1/1998 Agüdos - 97-03-01-32
15	Yüksek Performanslı Asenkron Motor Serisi için Teknolojik Gelişme 1/1/96 - 1/1/98 97-03-01-23 (Alarko A.Ş. Development of High Performance Motor Series for ALARKO Co
16	TEE AŞ'ye Teknik Danışmanlık Haziran 1993-1999, 93-03-001-20 Technical Consultancy for T.E.E. Co.
17	Trifaze asenkron motor tasarımı ve optimizasyon yazılımı Ocak 1992, 91-03-01-50 Development of Design Software for Three Phase A.C. Motors
18	Monofaze asenkron motor tasarımı yazılımı Ocak 1991, 90-03-01-34 Development of Design Software for Single Phase A.C. Motors
19	İskenderun Demir Çelik İşletmelerine teknik danışmanlık Ocak 1990, 90-03-01-01
20	İsdemir çapak çukuru motorları için statik tristörlü A.A. anahtar geliştirilmesi Şubat 1989, 89-03-01-02 Development of A.C. Static Starters for Waste Water Wells at Isdemir Steel Works
21	ECS AŞ'ye teknik danışmanlık, Temmuz 1988, 88-03-01-17
22	Bor araştırma merkezi kurulması projesi, Mart 1987, 87-03-05-01-02
23	Telsizle uzaktan kumandalı ikaz alarm sistemi kurulması için, Sivil Savunma Genel Müdürlüğüne teknik danışmanlık hizmeti verilmesi, Ekim 1987, 87-03-01-01.
24	Emek Holding'e kuru tip transformatör tasarımı konusunda teknik danışmanlık Ocak 1987, 87-03-01-01.Development of Dry Power Transformers for EMEK Co.
25	Telsizle uzaktan kumandalı ikaz alarm sistemi kurulması için, Sivil Savunma Genel Müdürlüğüne teknik danışmanlık hizmeti verilmesi, 1986, 86-03-01-09.Consultancy for Development of Remote Controlled Wireless Alarm System for Civil Defence Autohority
26	Özel elektrojen grubu testi, Temmuz 1986, 86-03-01-11.
27	Türkiye Demir Çelik İşletmeleri eğitim projesi, 1985, 85-03-01-07.
28	Bor araştırma merkezi kurulması projesi,1984, 84-03-05-01-11.BOR Research Center Development, 1984
29	Rüzgardan Elektrik Enerjisi üretimi için bağımsız bir sistem geliştirilmesi, Eylül 1983, 83-04-01-04. Development of an Autonomous Wind-Energy Conversion Unit. September 1983
30	M.K.E. Kırıkkale tesislerinde enerji tasarrufu ve Reaktif Güç Kompanzasyonu,Ekim 1983, 83-04-02-01. Energy Efficiency and Reactive Power Compansation at M.K.E. Factories, October 1983.
31	25-50 kVA Senkron üreteç imali ve çeşitli motor üretimi için teknik danışmanlık II, Mart 1982, 82-04-01-02.
32	25-50 kVA Senkron üreteç geliştirilmesi ve çeşitli motor üretimi için teknik danışmanlık, Eylül 1981, 81-04-01-07.
33	Saç güç kaybı ölçümü için 'Epstein Square' cihazı tasarım ve imalatı Agustos-Ekim 1981, 81-04-01-06.
34	2000 kVA dağıtım panosu problemlerinin çözümü için teknik danışmanlık, Mayıs 1981, 81-04-01-02. (Dr. Mirzahan Hızal ile).
35	15-20 kVA prototip senkron üreteç geliştirilmesi için teknik danışmanlık, Kasım 1980-Nisan 1981, 80-04-01-04.
36	10-20 kVA prototip senkron üreteç geliştirilmesi için teknikdanışmanlık, Mart-Agustos 1980, 80-04-01-01.

CONFERENCE PRESENTATIONS (international)

1.	Hadj Dida, M. Bourahla, H.Bulent Ertan, Highly efficient Multi-Junction Solar Cells Performance Improvement for AC Induction Motor Control Using the dsPIC30F Microcontroller, IEEE joint conference ACEMP-OPTIM 2019, August 26-29, İstanbul Turkey
2.	Berkani, P. Siamak, K. Negadi, B. Boumediene, T. Allaoui, H. Bülent Ertan Integration of Offshore Wind Farm Plants to the Power Grid using an HVDC line Transmission, IEEE joint conference ACEMP-OPTIM 2019, August 26-29, İstanbul Turkey
3.	İ. Koçak, H.Bülent Ertan, Comparative Evaluation of Operation Techniques for Four Switch Bidirectional DC-DC Converters, IEEE joint conference ACEMP-OPTIM 2019, August 26-29, İstanbul Turkey
4.	P. Siamak H. B. Ertan “Accurate Scale Modelling of Dynamic Behavior of Large Wind Turbines On a Wind Turbine Emulator” 2018 VI. European Conference on Renewable Energy Systems (ECRES2018)
5.	R. Arıkan, H. B. Ertan; Sizing of Series Hybrid Electric Vehicle with Hybrid Energy Storage System, Speedam 20-22 June 2018 Amalfi Coast, Italy
6.	R. Zeinali, H. B. Ertan; Comparison of a Magnetically Geared PM Wind Generator with Radial Flux Generator, IEEE 7th International Conference ICITRO August 27-29 2018, Amity University, Noida India (INVITED SPEECH) 7th International Conference Reliability, Infocom Technologies and Optimization (ICRITO'2018)
7.	R. Zeinali, H. B. Ertan; Design And Comparison A High Power Density Magnetically Geared PM Generator Topology With A Radial Flux Pm Generator, IEEE PEMC-2018, 26-30 August 2018, Budapest Hungary (INVITED SPEECH) IEEE-PEMC 2018 - 18th International Conference on Power Electronics and Motion Control - 2018.08.26-30
8.	H. B. Ertan, T. Filci; An Approach for Improving Performance Sensorless Field Control, IEEE EPE, EPE-2018, Iasi Romania October 18, 2018 – October 19, 2018 2018 International Conference and Exposition on Electrical and Power Engineering (EPE)
9.	S. pourkeivannour , H. B. Ertan; Accurate scale modeling for the dynamic behavior of a large wind turbine on a Wind Turbine Emulator, ECRES 2018, 25-27 June 2018 İstanbul, Turkey VI th European Conference on Renewable Energy Systems
10.	R. Zeinali, H. Bulent Ertan, C. Yamali, R. Tarvirdilu Asl. Magnetically Geared Drict Drive Wind Generator Thermal Analysis, , IEEE OPTIM-ACEMP 2017 may 25-27 2017, Brasov Romania.
11.	R. Tarvirdilu, R. Zeinali, H. B. Ertan; FEM Based design Modifications and Efficiency Improvements of a Brushed Permanent Magnet DC Motor, IEEE OPTIM-ACEMP 2017 may 25-27 Brasov, Romania.
12.	Y. Şener, H. B. Ertan; Sensörsüz Vektör Kontrol Performansını arttırmak için Bir yöntem, 1. Elektrik Enerjisi Dönüşümü Kongresi-Elazığ 21-22- 9-2017, Turkey. (INVITED SPEECH)
13.	M. Kayhan ,H. B. Ertan; Development of Model for DC Link Filter Design, IEEE ITEC 2016 27-29 June 2016, Dearbone, USA. IEEE Transportation and Electrification Conference
14.	Y. Şener, H. B. Ertan; A Novel Boost Type Inverter Topology For Motor Drives, DAS 2016 May 19-21 Suceava 2016 , Romania (INVITED SPEECH)
15.	R. Arıkan, H. B. Ertan; Sizing of Series Hybrid Electric Vehicle with Hybrid Energy Storage System, Speedam 20-22 June 2018 Amalfi Coast, Italy
16.	R. Zeinali, H. B. Ertan; Comparison of a Magnetically Geared PM Wind Generator with Radial Flux Generator, IEEE 7th International Conference ICITRO August 27-29 2018, Amity University, Noida India (INVITED SPEECH) ICRITO'20187th International Conference Reliability, Infocom Technologies and Optimization
17.	R. Zeinali, H. B. Ertan; Design And Comparison A High Power Density Magnetically Geared PM Generator Topology With A Radial Flux Pm Generator, IEEE PEMC-2018, 26-30 August 2018, Budapest Hungary (INVITED SPEECH) IEEE-PEMC 2018 - 18th International Conference on Power Electronics and Motion Control - 2018.08.26-30

18.	H. B. Ertan, T. Filci; An Approach for Improving Performance Sensorless Field Control, IEEE EPE, EPE-2018, Iasi Romania October 18, 2018 – October 19, 2018 2018 International Conference and Exposition on Electrical and Power Engineering (EPE)
19.	S. pourkeivannour , H. B. Ertan; Accurate scale modeling for the dynamic behavior of a large wind turbine on a Wind Turbine Emulator, ECRES 2018, 25-27 June 2018 İstanbul, Turkey VI th European Conference on Renewable Energy Systems
20.	Rasul Tarvirdilu Asl, Reza Zeinali, H. Bülent Ertan, Yavuz Taner, “PM BRUSHED DC MOTOR OPTIMIZATION”, ISEF 2015 - XVII International Symposium on Electromagnetic Fields
21.	H. Bülent Ertan, Gökmen Cengiz, “Problems encountered during transition to stand alone operation of grid connected wind turbines”, Jan 33 2015 İstanbul Gelişim Üniversitesi
22.	Raza Zeinali, H. Bülent Ertan, “Evaluation of a 6 pole axial flux PM motor for Control Moment Gyroscope Application”, ACEMP 2015, September 1-3 , Side, 978-1-4763-7239-8/15/\$31.00 ' 2015 IEEE
23.	A. Hadj Dida, M. Bourahla], H. Bülent Ertan, M. Benghanem, M. E. Benzina , “Three phase Inverter Speed Control of AC Drives Motor using DSPic microcontroller”, ACEMP 2015, September 1-3 , Side, 978-1-4763-7239-8/15/\$31.00 ' 2015 IEEE
24.	Ertan H. B., Şener Y., Sinus Output 3-phase Inverter Toplogy for Improved Drive Efficiency. "International Power Electronics and Motion Control Conference and Exposition", CD, (2014).
25.	Ertan H. B., Çağan N., Outer Rotor Radial-Flux PM Motors for Control Moment Gyroscope Applications. "International Conference on Optimization of Electrical and Electronic Equipment",
26.	Ertan H. B., Çağan N., Comparison of Outer Rotor Radial Flux and Axial Flux PM Motors for CMG Application. "International Conference on Electrical Machines", (2014). (2014).
27.	Ertan H. B., Şener Y., 3-phase Sinusoidal Output Inverter Topology. "Third International Conference on Power Electronics and Electrical Drives", CD, (2014).
28.	Ertan, H. Bulent, and Ozan Keysan. "Implementation issues of real time position estimation for induction motors using rotor slot harmonics." Power Engineering, Energy and Electrical Drives (POWERENG), 2013 Fourth International Conference on. IEEE, 2013.
29.	Ertan, H. B., and I. Sahin. "Evaluation of inductance measurement methods for PM machines." Electrical Machines (ICEM), 2012 XXth International Conference on. IEEE, 2012.
30.	Ertan, H. Bülent, E. Dogru, and A. Yilmaz. "Comparison of efficiency of two dc-to-ac converters for grid connected solar applications." Optimization of Electrical and Electronic Equipment (OPTIM), 2012 13th International Conference on. IEEE, 2012.
31.	H. Bulent Ertan, Emre Doğru, “A proposal for Improving Efficiency of Inverter Driven Electrical Motors” IEEE PES General Meeting July 2011
32.	H. Bulent Ertan, Kurtuluş Yılmaz, “Choice of Pole number of Two-Rotor Axial-Flux PM Motor for Control Moment Gyroscope”, IEEE ACEMP-ELECTROMOTION Joint Conference, İstanbul, September 2011
33.	Ozan Keysan, H. Bülent Ertan “Speed Position Estimation by Demodulating Rotor Slot Harmonics”, XIX International Conference on Electrical Machines-ICEM 2010, 6 -8 September 2010, Rome, Paper no. 978-1-4244-4175-4.
34.	Ozan Keysan, H. Bülent Ertan, “Higher Order Rotor Slot Harmonics for Rotor Speed Position Estimation”, 12th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2010, 20-22 May 2010, pp. 416-421.
35.	Ozan Keysan, H. Bülent Ertan, “Determination Of Rotor Slot Number Of An Induction Motor Using An External Search Coil”, 16th International Symposium on Electrical Apparatus and Technologies SIELA 2009, Vol:1 No:1 Publisher :Technical University of Sofia Editor(s) :Mintcho Mintchev, Pages :CD oral ses. 1 Month :6 Year :2009, Bulgaria, pp.227-234.
36.	Ozan Keysan, H. Bülent Ertan, “External Search Coil as a Means of Measuring Rotor Speed of an Induction Motor” ELECTROMOTION 2009, EPE "Electric Drives" Vol:1, Month :7 Year

	:2009, France, pp .OS-4.
37.	Bülent Ertan H., Burak Yalçın L., “An Analytical Approach for the Calculation of Flux-Linkage Including End-Effect for SR Motors”, IEEE SPEEDAM SYMPOSIUM 11-13 June 2008, ITALY, pp. 307-311
38.	Erdal Bizkevelci, Kemal Leblebicioğlu, H. Bülent Ertan, “A Novel Noise Reduction Technology for Switched Reluctance Motors” IEEE PES 20-24 July 2008 USA, Paper Number: PESGM2008-001651.PDF , Pittsburg, Pennsylvania, USA.
39.	H. Bülent Ertan, L. Burak Yalçın, “Performance Calculation of SR Motors for Optimum Design and a Washing Machine Application” ICEM’08, 6-9 Sept. 08, Portugal pp.1-6
40.	Baris Colak, H. Bulent Ertan, I. Ertan Murat, PCIM Europe 2007 International Exhibition & Conference on Power Electronics Intelligent Motion Power Quality “A new offline method for stator inductance detection for use in induction motor controllers” PCIM Europe 2007, 22-24 May 2007, Nurnberg, Germany, pp.48 file:///F:/WEB_DESIGN/web calisma en yeni 2009.10.23/110.pdf
41.	H. Bulent Ertan, Ertan Murat, Baris Colak, IEEE International Electrical Machines and Drives Conference “A Novel Approach to Detection of Some Parameters of Induction Motors” IEMDC 2007, 3-5 May 2007, Antalya, Turkey pp. 1626-1631
42.	H. Bülent Ertan, Volkan Sezgin, Baris Colak, The Seventh International Conference on Power Electronics and Systems “Detection of Some Parameters of Induction Motors a Proposal and Its Verification” PEDS’07, 27-30 Nov 2007, Bangkok, Thailand pp. 1337-1343
43.	H. Bülent Ertan, Çağlar Özyurt, Optimization of Electrical and Electronic Equipments OPTIM’06 “Prediction of Motor Speed For Low Cost Induction Motor Drives” OPTIM 2006 May, 18-19, 2006 Brasov, Romania pp.289-297
44.	Erdal Bizkevelci, Kemal Leblebicioğlu, H. Bülent Ertan “A Control Strategy For Noise Reduction In Switched Reluctance Motors” SAEM 2006 Macedonia-Polish Symposium on Applied Electromagnetic, SAEM 2006 June 8-10, 2006 Ohrid, Macedonia pp. 1-11
45.	H. Bülent Ertan, Cüneyt Karacan, Levent B. Yalçın “Evaluation of Switched Reluctance Motor Drives for Wide Speed Range Drive Applications” ICEM 2006 September 2-5, 2006 Chania, Crete Island, Greece pp.372
46.	H. Bülent Ertan, Çağlar H. Özyurt; “Prediction of Induction motor Parameters From Manufacturer’s Data” SIELA 2005, 2-3 June 2005 Plovdiv, Bulgaria, pp.1
47.	H. Bülent Ertan. Barış Çolak; “Design Issues And A Novel Approach For Measurement And Elimination Of Conducted Emi For An Induction Cooktop” ICEMC 2005, 23-31 July 2005, Phuket, Thailand, pp.1C2-1C3
48.	H. Bülent Ertan, Afşin Büyükbaş, Thomos Lipo, “A Method For The Calculation Of Core Losses Of A Six-phase Induction Motor” ISEF 2005 September 14-17 September 2005 Baiona, Vigo-Spain pp. ISBN 84-609-7057-4, EE-1.1 / EE-1.3
49.	H. Bülent Ertan, Erdal Bizkevelci, Levent B. Yalçın; “Measurement and Prediction of Parameters of High Frequency Transformers” ARWtr 2004 Advanced Research Workshop on Modern Transformers, October 28-30 2004, Vigo – Spain, pp. 3-8.
50.	H.B. Ertan, C. Karacan; “Evaluation of Radial Flux BLDC and Induction Motor Drive for Washing Machine Applications”; ICEM 2004, 5-8 September 2004, Cracow – Poland, pp. 239-240.
51.	Erdal Bizkevelci, Kemal Leblebicioğlu, H. Bülent Ertan; “A Sliding Mode Controller To Minimize SRM Torque Ripple and Noise”; ISIE 2004, 4-7 May 2004, Ajaccio, France, pp.1333-1338.
52.	Yılmaz, H.B. Ertan, K. Leblebicioğlu; “A Fuzzy Control System for Grid Connected Photovoltaic Energy Conversion”; ACEMP 2004, 26-28 May 2004; Istanbul, Turkey, pp. 402-407.
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