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KİŞİSEL BİLGİLER

Doğum Tarihi ve Yeri : 10.11.1953, Erzincan

Medeni Hali : Evli, bir çocuklu

EĞİTİM

Doktora	- Makina Mühendisliği, University of Illinois, Chicago, A.B.D. (1988)
Yüksek Lisans	- Ekonomi, University of Illinois, Chicago, A.B.D. (1979)
Yüksek Lisans	- Makina Mühendisliği, ODTÜ, Ankara. (Kasım 1976)
Lisans	- Makina Mühendisliği, ODTÜ, Ankara. (Ocak 1976)
Lise	- TED Ankara Koleji (1971)

İDARİ GÖREVLER

2014-	Çankaya Üniversitesi, Makina Mühendisliği Bölümü Başkanı
2003-2008	ODTÜ Makina Mühendisliği Bölümü Başkanı

AKADEMİK VE MESLEKİ DENEYİM

2013-	Profesör, Makina Mühendisliği Bölümü, Çankaya Üniversitesi, Ankara
1996-2013	Profesör, Makina Mühendisliği Bölümü, ODTÜ, Ankara
1990-1996	Doçent, Makina Mühendisliği Bölümü, ODTÜ, Ankara
1989-1990	Yardımcı Doçent, Makina Mühendisliği Bölümü, ODTÜ, Ankara
1988-1989	Konuk Öğretim Üyesi Makina Mühendisliği Bölümü, University of Illinois, Chicago, A.B.D.
1984-1986	Genel Müdür Yardımcısı Soyut Mühendislik Ltd. Ş., Soyut Holding, Ankara
1982-1984	Proje Değerlendirme Uzmanı (Teknik ve İktisadi) Devlet Sanayi ve İşçi Yatırım Bankası (DESİYAB), Ankara Kütahya Porselen A. Ş. Yönetim Kurulu Üyesi (1982-1983) Kars Et Kombinası Yönetim Kurulu Üyesi (1983-1984)
1980-1981	Tasarım Mühendisi Nace Makina Sanayi, Ankara

1977-1977 Uzman Yardımcısı
Devlet Sanayi ve İşçi Yatırım Bankası (DESİYAB), Ankara

UZMANLIK ALANLARI

Makina teorisi ve dinamiği, mekanizmalar, robotik, makina tasarımı, titreşim, sistem dinamiği, kontrol teorisi, esnek uzuvlu ve esnek mafsallı sistemler.

DESTEKLİ ARAŞTIRMA PROJELERİ

1. ASELSAN-ODTÜ Projesi (DAKA), Araştırıcı, 2008-2013.
   Döner Sermaye Proje No: 2008-03-01-2-00-15
   Denizaltı aldatıcı/karıştırıcı mekanik tasarımı.

2. SANTEZ Projesi (0113.STZ.2007-1), Yürütücü, 2007-2010.
   Merdiven asansörü tasarımı ve prototip üretimi.

3. DPT Projesi, Araştırıcı, 2006-2011.
   Otomotiv Sanayii'nde Tasarım ve Analize Yönelik Yüksek İvmeli Hasarsız Çarpışma Test Laboratuvarı Altyapı Projesi.

4. TÜBİTAK Projesi, Araştırıcı, 2006-2008.
   Çok maksatlı ulusal insansız sualtı aracı.

5. TOFAŞ AR-GE ile Teknokent projeleri, Yürütücü, 2004-2010.
   Otomotiv koltuk mekanizmaları projeleri (yükseklik ayar mekanizması, sırt ayar mekanizması, entegre çocuk koltuğu, katlanabilir 3 sıra koltuk sistemi, anti-whiplash mekanizması) tasarımı ve imalatı.

6. DPT Projesi, Araştırıcı, 2001-2004.
   Deprem Enkazı Taraması için kendinden hareketli robotik yılan tasarımı.

7. ODTÜ Biltir – FNSS Projesi'nde Araştırıcı, 2001-2003
   Döner sermaye Proje No: 2001-080405
   Zırhlı araç döner koltuk tasarımı.

8. TAKSAN A. Ş' ye Danışmanlık, 1996-1997.
   Döner sermaye Proje No: 97-030202, 97-030218, 97-030228
   CNC Tezgah tasarımı ile ilgili konular.

8. TÜBİTAK SAGE'ye Danışmanlık, 1994-1997.
   Güdümlü 227 füzesi için kontrol tahrik sistemi geliştirilmesi.

9. TÜBİTAK, MODİSA-5 Projesi Yürütücüsü, 1992-1995.
   Endüstriyel Sprey Boya Robotu Geliştirilmesi.

10. TÜBİTAK BAYG Lisansüstü Burs Programı'nda Tez Danışmanlığı, 1993-1996.
    Esnek mafsallı ve esnek uzuvlu robotlarda titreşim kontrolu.

11. TÜBİTAK SAGE'ye Danışmanlık, 1991-1992.
    Füze güdüm kontrolu ile ilgili konular.

12. ODTÜ-AGÜDOS 89-030113 Nolu Projeye Danışmanlık, 1990-1991.
    Bilgisayar kontrollu Elektro Kardiyografi Koşu bandı geliştirilmesi.

13. ERE Mühendislik 'e Danışmanlık, 1989-1990.
    Döner sermaye Proje No: 89-030213
    Otomatik bir uzaysal konum ayar cihazı geliştirilmesi.

VERİLEN DERSLER

ME 205 Statics
ME 208 Dynamics
ME 210 Applied Mathematics for Mechanical Engineers
ME 301 Theory of Machines I
ME 302 Theory of Machines II
ME 319 System Dynamics and Control
ME 404 Dynamics of Machinery
Intermediate Vibrations (4. sınıf, University of Illinois, Chicago)
ME 528 Flexible Multibody Dynamics (ODTÜ)
ME 530 Advanced Dynamics (Çankaya Üniversitesi)
ME 550 Advanced Vibrations (Çankaya Üniversitesi)

TEZ DANIŞMANLIĞI

Doktora Tezleri

1. "Design of an Anti-Whiplash System for Rear Crash of Cars", Mustafa Özdemir, 2013.
2. "Inverse Dynamics Control of an Autonomous Underwater Vehicle Manipulator System", Ozan Korkmaz, 2012.
3. "Flexible Multibody Analysis of Plates and Shells with Large Deformation", Aydın Tüzün, 2012 (Coadvisor).
4. "Ontology Based Reuse Infrastructure for Trajectory Simulation", Umut Durak, 2007.
5. "Unconstrained Motion and Constrained Force and Motion Control of Robots with Flexible Links", Sinan Kılıçaslan, 2005.

Yüksek Lisans Tezleri

1. "Design and Construction of Unmanned Underwater Vehicle", Fatih Ercis, 2013.
2. "Numerical and Experimental Analysis of Push Bending", Fatih Dere, 2013 (Coadvisor).
3. "Experimental Analysis and Modeling of a Missile Launcher System", Çetin Işık, 2012.
4. "Cruise Missile Mission Rehearsel", Bircan Gökhan, 2011.
5. "Mechanical Design of an Underwater Target Emulator and Jammer", Necati Karaismailoğlu, 2011.

6. “Multi-Frequency Underwater Transducer Design Using Cylinderical Elements”, Şiar Deniz Yavuz, 2011.
7. “CFD Analysis of An Underwater Target Emulator and Jammer”, Ela Ankaralı, 2011 (Coadvisor).
8. “Development of Inclined Stairlift for Disabled”, Mustafa Ekinci, 2010.
9. “Modeling and Control of Constrained Flexible Joint Parallel Manipulators”, Osman Can Ogan, 2010.
10. “Design of a Vehicle Seat Back Adjustment Mechanism”, Ali Murat Kayıran, 2010.
11. “Route Planning for Unmanned Air Vehicles”, Kamil Tulum, 2009.
12. “Computer Aided Engineering of an Unmanned Underwater Vehicle”, Necmettin Cevheri, 2009. (Coadvisor)
13. “Inverse Dynamics Control of Parallel Manipulators Around Singular Configurations”, Mustafa Özdemir, 2008.
14. “Inverse Dynamics Control of Parallel Robots with Flexible Joints”, Ozan Korkmaz, 2006.
15. “Design of a Vehicle Seat Height Adjustment Mechanism”, Evren Anık, 2006.
16. “An Elastic-plastic beam finite element”, Ahmet M. Eren, 2006. (Coadvisor)
17. “Design of a Mobile Robot to Move on Rough Terrain”, Uğur Kırmızıgül, 2005.
18. “Inverse Dynamics Control of Constrained Flexible-Joint Robots”, Hulusi Han İyigün, 2001.
19. “Dynamic Modeling and Control of Two Coordinated Robot Manipulators”, Bülent Özkan, 1999. (Coadvisor)
20. “Modelling and Tipping Load Control of a Mobile Crane”, Sinan Kılıçaslan,1997.
21. “Trajectory Tracking Control of a Two-Link Planar Manipulator with Flexible Links”, Volkan Ay, 1997.
22. “Development of a Control Actuation System for an Inertially Guided Missile”, Aytekin Özkan, 1996.
23. “Trajectory Tracking Control of Robotic Manipulators with Flexible Joints”, İnanç Erdağı, 1995.
24. “Determination of Displacements and Stresses in Isotropic and Composite Multilink Systems”, Cengiz Ö. Keleş, 1995 (Coadvisor).
25. “Modeling and Analysis of Impact in Flexible Multibody Systems”, A. İlkay Yiğit, 1995.
26. “Design, Construction and Implementation of an Industrial Robot”. Ömer Rüştü Ergen, 1995.

ULUSLARARASI PATENTLER

1. “*A Seat Backrest Inclination Adjustment Assembly*”, Kemal İder, Ali Murat Kayiran, Evren Anık, 2011, EP 2307233 A1, WO/2010/064081 A1,
2. “*An Integrated Child Seat*”, Kemal İder, Ali Murat Kayıran, Özgün Çiftçi, 2011, EP 2353930 A1,
3. “*Flexible Seat System*”, K. İder, M. İ. Gökler, M. Asatekin, C. Ünlü, E. Anık, 2010 WO/2008/081400 A1, EP2097292 A1, DE602007008466D1.

ULUSLARARASI MAKALELER (SCI, SCI EXP)

1. Korkmaz, O., İder, S.K., **"**Hybrid Force And Motion Control of Flexible-Joint Parallel Manipulators Using Inverse Dynamics Approach", *Advanced Robotics*, 2014, Taylor & Francis, in print.

2. Özdemir, M., İder, S.K., Gökler, M.İ., "Parametric Analysis of An Anti-Whiplash System Composed of A Seat Suspension Arrangement", *Journal of The Brazilian Society of Mechanical Sciences And Engineering*, 2014, Springer, in print.

3. Işık, Ç., İder, S.K., Acar, B., "Modeling and Verification of a Missile Launcher System", *IMechE Part K - Journal of Multibody Dynamics*, Vol. 228, No:1, 100-107, 2014.

4. Kılıçaslan, S., Özgören, M.K., İder, S.K., "Hybrid Force and Motion Control of Robots with Flexible Links", *Mechanism and Machine Theory*, Vol. 45, No. 1, 91-105, 2010.

5. Durak, U., Oğuztüzün, H., İder, S.K., "Ontology-Based Domain Engineering for Trajectory Simulation Reuse", *International Journal of Software Engineering and Knowledge Engineering*, Vol. 19, No. 8, 1109-1129, 2009.

6. İder, S.K., Korkmaz, O., "Trajectory Tracking Control of Parallel Robots in the Presence of Joint Drive Flexibility", *Journal of Sound and Vibration*, Vol. 319, No. 1-2, 77-90, 2009.

7. Kılıçaslan, S., İder, S.K., Özgören, M.K., "Motion Control of Flexible-Link Manipulators", *IMechE Part C - Journal of Mechanical Engineering Science*, Vol. 222, No. 12, 2441-2453, 2008.

8. Durak, U., Oğuztüzün, H., İder, S.K., "Ontology-Based Trajectory Simulation Framework", *ASME Journal of Computing and Information Science in Engineering*, Vol. 8, No. 1, March 2008, Article No: 014503.

9. Ider, S.K,. "Inverse Dynamics of Parallel Manipulators in the Presence of Drive Singularities, *Mechanism and Machine Theory*, Vol. 40, 33-44, 2005.

10. İder, S.K., "Singularity Robust Inverse Dynamics of 2-RPR Planar Parallel Manipulators", *IMechE Part C - Journal of Mechanical Engineering Science*, Vol. 218, No. C7, 721-730, 2004.

11. İder, S.K., Özgören, M.K., Ay, V., "Trajectory Tracking Control of Robots with Flexible Links", *Mechanism and Machine Theory*, Vol. 37, No. 11, 1377-1394, 2002.

12. İder, S.K., "Force and Motion Trajectory Tracking Control of Flexible-Joint Robots", *Mechanism and Machine Theory*, Vol. 35, No. 3, 363-378, 2000.

13. İder, S.K., Özgören, M.K., "Trajectory Tracking Control of Flexible-Joint Robots", *Computers and Structures*, Vol. 76, 757-763, 2000.

14. Kılıçaslan, S., Balkan, T., İder, S.K., "Tipping Loads of Mobile Cranes with Flexible Booms", *Journal of Sound and Vibration*, Vol. 223, No. 4, 645-657, 1999.

15. İder, S.K., "Inverse Dynamics Control of Constrained Robots in the Presence of Joint Flexibility", *Journal of Sound and Vibration*, Vol. 224, No. 5, 879-895, 1999.
16. Oral, S., İder, S.K., "Coupled Rigid-Elastic Motion of Filament-Wound Composite Robotic Arms", *Computer Methods in Applied Mechanics and Engineering*, Vol. 147, 117-123, 1997.

17. Oral, S., İder, S.K., "Optimum Design of High Speed Flexible Robotic Arms with Dynamic Behavior Constraints", *Computers and Structures*, Vol. 65, 255-259, 1997.

18. İder, S.K., Oral, S., "Optimum Design of Flexible Multibody Systems with Dynamic Behavior Constraints", *European Journal of Mechanics A/Solids*, Vol. 15, No. 2, 351-359, 1996.

19. İder, S.K., Oral, S., "Filament-Wound Composite Links in Multibody Systems", *Computers and Structures*, Vol. 58, No. 3, 465-469, 1996.

20. İder, S.K., "Stability of Control Forces in Redundant Multibody Systems", *Computers and Structures*, Vol. 58, No. 1, 115-121, 1996.

21. İder, S.K., "Inverse Dynamics of Redundant Manipulators Using a Minimum Number of Control Forces", *Journal of Robotic Systems*, Vol. 12, No. 8, 569-579, 1995.

22. İder, S.K., "Open-Loop Flexibility Control in Multibody Systems Dynamics", *Mechanism and Machine Theory*, Vol. 30, No. 6, 861-869, 1995.

23. İder, S.K., "Modeling of Control Forces for Kinematical Constraints in the Dynamics of Multibody Systems - A New Approach", *Computers and Structures*, Vol. 38, No. 4, 409-414, 1991.

24. İder, S.K., "Finite Element Based Recursive Formulation for Real Time Dynamic Simulation of Flexible Multibody Systems", *Computers and Structures*, Vol. 40, No. 4, 939-945, 1991.

25. İder, S.K., "Stability Analysis of Constraints in Flexible Multibody Systems Dynamics", *International Journal of Engineering Science*, Vol. 28, No. 12, 1277-1290, 1990.

26. İder, S.K., Amirouche, F.M., "Stability Analysis of Constrained Multibody Systems", *Computational Mechanics*, Vol. 6, No. 5/6, 327-340, 1990.

27. Amirouche, F.M., İder, S.K., Trimble, J., "Analytical Method for the Analysis and Simulation of Human Locomotion", *ASME Journal of Biomechanical Engineering*, Vol. 112, No. 4, 379-386, 1990.

28. İder, S.K., Amirouche, F.M., "Nonlinear Modeling of Flexible Multibody Systems Dynamics Subjected to Variable Constraints", *ASME Journal of Applied Mechanics*, Vol. 56, No. 2, 444-451, 1989.

29. İder, S.K., Amirouche, F.M., "Influence of Geometric Nonlinearities in the Dynamics of Flexible Tree-like Structures", *AIAA Journal of Guidance, Control and Dynamics*, Vol. 12, No. 6, 830-837, 1989.

30. İder, S.K., Amirouche, F.M., "On the Constraint Violations in the Dynamic Simulations of Multibody Systems", *ASME Journal of Dynamic Systems, Measurement and Control*, Vol. 111, No. 2, 238-244, 1989.

31. İder, S.K., Amirouche, F.M., "Numerical Stability of the Constraints Near Singular Positions in the Dynamics of Multibody Systems", *Computers and Structures*, Vol. 33, No. 1, 129-137, 1989.

32. İder, S.K., Amirouche, F.M., "Determination of Constraint Forces in Multibody Systems Dynamics using Kane's Equations", *Journal de Mecanique Theorique et Applique*, Vol. 7, No. 1, 3-20, 1988.

33. Amirouche, F.M., İder, S.K., "Simulation and Analysis of a Biodynamic Human Model Subjected to Low Accelerations - A Correlation Study", *Journal of Sound and Vibration*, Vol. 123, No. 2, 281-292, 1988.

34. İder, S.K., Amirouche, F.M., "Coordinate Reduction in the Dynamics of Constrained Multibody Systems - A New Approach", *ASME Journal of Applied Mechanics*, Vol. 55, No. 4, 899-904, 1988.

35. Amirouche, F.M., İder, S.K., " A Recursive Formulation of the Equations of Motion for Articulated Structures with Closed Loops - An Automated Approach", *Computers and Structures*, Vol. 30, No. 5, 1135-1145, 1988.

36. Amirouche, F.M., Jia, T., İder, S.K., "A Recursive Householder Transformation for Complex Dynamical Systems with Constraints", *ASME Journal of Applied Mechanics*, Vol. 55, No. 3, 729-734, 1988.

ATIFLAR

SCI atıf sayısı (başka yazarlar tarafından): 300

KİTAP BÖLÜMÜ

1. İder, S.K., "Singularity Robust Inverse Dynamics of Parallel Manipulators", Parallel Manipulators New Developments, Editor Jee-Hwan Ryu, I-Tech Education and Publishing, Vienna, Austria, ISBN 978-3-902613-20-2, 2008.

ULUSLARARASI BİLDİRİLER

1. Korkmaz, O., İder, S. K., Özgören, M. K., "Control of an Underactuated Underwater Vehicle Manipulator System in the Presence of Parametric Uncertainty and Disturbance", *The 2013 American Control Conference*, June 17 - 19, 2013, Washington, DC, Paper MoA16.6.

2. Dere, F., Darendeliler, H., İder, S. K., "Experimental and Finite Element Analysis of Rotary Draw Tube Bending Process", *7th International Conference And Exhibition On Design And Production Of Machines And Dies/Molds*, Antalya, 20-23 June 2013.

3. Tulum, K., Durak, U., İder, S.K., "Situation Aware UAV Mission Route Planning", *IEEE Aerospace Conference Proceedings*, p. 2971-2981, Big Sky, Montana, USA, 07-14 March 2009.

4. Korkmaz, O., İder, S. K., "Control of Parallel Manipulators Having Joint Drive Flexibility", *14th IFAC/IEEE International Conference on Methods and Models in Automation and Robotics*, August 2009, Poland, Editor: Z. Emirsajlow, p. F-180.

5. Durak, U., Güler, S., Oğuztüzün, H., İder, S.K., "An Exercise in Ontology Driven Trajectory Simulation with MATLAB Simulink", *21st European Conference on Modelling and Simulation*, p. 435-440, June 04-06, 2007, Prague, Czech Republic.

6. Kılıçaslan, S., İder, S.K., Özgören, M.K., "Trajectory Tracking Control of Spatial Three-Link Flexible Manipulators", *ECC-07, European Control Conference*, Kos, Greece, 2-4 July 2007.

7. Kılıçaslan, S., Özgören, M.K., İder, S.K., "Control of Constrained Spatial Three-Link Flexible Manipulators", *MED-07, IEEE Mediterranean Conference on Control and Automation*, p. 1526-1531, Athens, Greece, 27-29 June 2007.

8. Durak, U., Oğuztüzün, H., İder, S.K., "An Ontology for Trajectory Simulation", *Winter Simulation Conference*, p. 1160-1167, Dec. 2-6, 2006, Monterey, California, USA.

9. Kılıçaslan, S., İder, S.K., Özgören, M.K., "Trajectory Tracking Control of Flexible Manipulators Considering Modeling Discrepancy", *ASME International Mechanical Engineering Congress and Exposition*, p. 1457-1467, Nov. 5-11, 2005, Orlando, Florida, USA, IMECE 2005-80370.

10. Kılıçaslan, S., Özgören, M.K., İder, S.K., "Control of Constrained Flexible Manipulators", *ASME International Mechanical Engineering Congress and*

Exposition, p. 1497-1505, Nov. 5-11, 2005, Orlando, Florida, USA, IMECE 2005-80893.

11. Kılıçaslan, S., İder, S.K., Özgören, M.K., "Trajectory Tracking Control of Flexible Robots", *11th International Conference on Machine Design and Production*, Antalya, pp.725-738, 2004.

12. S.K. İder, "Actuation of Parallel Manipulators in the Presence of Drive Singularities", *11th International Conference on Machine Design and Production*, Antalya, pp.585-596, 2004.

13. Kılıçaslan, S., Balkan, T., İder, S.K., "Dynamic Analysis of Mobile Cranes with Flexible Booms", *8th International Mechatronic Design and Modeling Workshop Proceedings*, p. 422-435, Cappadocia, 2002.

14. Ider, S.K., "Inverse Dynamics Trajectory Tracking Control of Flexible Joint Robots", *2nd International Mechatronic Design and Modeling Workshop Proceedings*, pp. 131-140, METU, Ankara, 1995.

15. Ider, S.K., "Inverse Kinematics and Dynamics Solution of Redundant Manipulators using a Minimum Number of Actuators", *6th International Machine Design and Production Conference Proceedings*, pp. 171-180, METU, Ankara, 1994.

16. İder, S.K., "Open-Loop Flexibility Control in Multibody Systems Dynamics", *Proceedings of the 1994 Engineering Systems Design and Analysis Conference*, Vol. 7, *Structural Dynamics and Vibrations*, ASME Petroleum Division, 279-288, London, England, 1994.

17. İder, S.K., "Modeling of Control Forces for Kinematical Constraints in the Dynamics of Multibody Systems - A New Approach", *Proceedings of the 3rd Annual Conference on Aerospace Computational Control*, Oxnard, California, USA, 382-393, 1989.

18. İder, S.K., "Determination of Joint Drives for Stable End-effector Motion in Flexible Robotic Systems", *Proceedings of the 3rd Annual Conference on Aerospace Computational Control*, Oxnard, California, USA, 421-433, 1989.

19. İder, S.K., Amirouche, F.M., "Coordinate Reduction in the Dynamics of Constrained Multibody Systems - A New Approach", *Joint ASCE/ASME Applied Mechanics, Biomechanics and Fluids Engineering Conference*, San Diego, California, USA, 1989, ASME Paper No. 89-APM-15.

20. İder, S.K., Amirouche, F.M., "Nonlinear Modeling of Flexible Multibody Systems Dynamics Subjected to Variable Constraints", *Joint ASCE/ASME Applied Mechanics, Biomechanics and Fluids Engineering Conference*, San Diego, California, USA, 1989, ASME Paper No. 89-APM-38.

21. Amirouche, F.M., İder, S.K., "Stability Analysis of Multibody Systems with Variable Kinematical Constraints", *Proceedings of International Conference on Computational Mechanics*, Atlanta, Georgia, USA, 41.vi.1-2, 1988.

ULUSAL MAKALELER

1. İder, S.K., "Paralel Manipülatörlerin Tahrik Dejenerasyon Konumlarında Hareketi", *Makina Tasarım ve İmalat Dergisi*, Cilt: 6, Sayı: 2, ODTÜ Basımevi, 2004.

2. İder, S.K., "Hidrojen Enerji Sistemi", *TMMOB Metalurji Mühendisleri Odası Dergisi*, Sayı 134, s. 101-105, Temmuz 2003.

3. İder, S.K., Akyurt, M., "Computer Aided Dynamic Analysis of Mechanisms", *METU Journal of Pure and Applied Sciences*, Vol. 10, pp. 89-100, 1977.

ULUSAL BİLDİRİLER

1. Özdemir, M., İder, S.K., Gökler, M.İ., Dicle, H., Anık, E., İnce, M.S., " Classification of Antiwhiplash systems: A Patent Survey", 6th Automotive Technologies Congress (OTEKON 2012), 2012, Bursa, Turkey, pp. 77-78.

2. Özdemir, M., İder, S.K., Gökler, M.İ., Dicle, H., Anık, E., İnce, M.S., "Finite Element Analysis of Effect of Backset Distance on Whiplash Syndrome Using BioRID II and Simplified Seat Models", 6th Automotive Technologies Congress (OTEKON 2012), 2012, Bursa, Turkey, pp. 79-80.

3. Korkmaz, O., İder, S. K., Özgören, M. K., "Bir Sualtı Aracı Manipülatör (SAM) Sisteminin Modellenmesi ve Dinamik Analizi", TOK 2011, 14-16 Eylül 2011, İzmir.

4. Özdemir, M., İder, S.K., Gökler, M.İ., Dicle, H., Anık, E., İnce, M.S., "BioRID II" ve Basitleştirilmiş Koltuk Modelleri ile 'Whiplash' Analizi". 5. Otomotiv Teknolojileri Kongresi (OTEKON 2010), s. 313-320,. Bursa.

5. Yavuz, Ş.D., Taşdelen, A.S., İder, S.K., Köymen, H., "Silindirik Piezoelektrik Seramik Tüplerle Çift Frekans Bantlı Sualtı Akustik Çevirici Tasarımı", SAVTEK 2010, 5. Savunma Teknolojileri Kongresi, Haziran 2010, ODTÜ Kültür Kongre Merkezi, Ankara, Cilt 1, s. 307-318.

6. Korkmaz, O., İder, S.K., "Esnek Eklemli Paralel Manipülatörlerin Kuvvet ve Konum Kontrolu", 14. Ulusal Makina Teorisi Sempozyumu, Temmuz 2009, KKTC ODTÜ Kampusu.

7. Durak, U., Oğuztüzün, H., İder, S. K., "Ontoloji Tabanlı Yeniden Kullanım İçin Bir Örnek: Güdümlü Bomba Yörünge Simülasyonu", SAVTEK 2008, 4. Savunma Teknolojileri Kongresi, Haziran 2008, ODTÜ Kültür Kongre Merkezi, Ankara, Cilt 1, s. 269-276.

8. Cevheri, N., Şenel, F., İder, S. K., Aksel, M. H., Parnas, L., "Bir İnsansız Sualtı Aracı: ULİSAR Gövde Tasarımı", SAVTEK 2008, 4. Savunma Teknolojileri Kongresi, Haziran 2008, ODTÜ Kültür Kongre Merkezi, Ankara, Cilt 1, s. 549-558.

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