

## Prof. OSMAN PARLAKTUNA

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Vanderbilt University, Kontrol Ve Kumanda Sistemleri, United States Of America 1984 - 1990

Postgraduate, Middle East Technical University, Faculty Of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1981 - 1984

Undergraduate, Middle East Technical University, Faculty Of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1976 - 1981

### Foreign Languages

English, C1 Advanced

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ BÖLÜMÜ, 2012 - Continues

### Academic and Administrative Experience

Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, 2013 - 2016

Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, 2012 - 2015

Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, Elektrik-Elektronik Mühendisliği Bölümü, 1993 - 1995

### Published journal articles indexed by SCI, SSCI, and AHCI

1. Surface profile-guided scan method for autonomous 3D reconstruction of unknown objects using an industrial robot

Özkan M., Seçil S., Turgut K., Dutağacı H., Uyanik C., Parlaktuna O.

Visual Computer, vol.38, no.11, pp.3953-3977, 2022 (SCI-Expanded)

- II. **Robust position/force control of nonholonomic mobile manipulator for constrained motion on surface in task space**  
ELİBOL SEÇİL G., Obuz S., PARLAKTUNA O.  
Turkish Journal of Electrical Engineering and Computer Sciences, vol.30, no.3, pp.785-804, 2022 (SCI-Expanded)
- III. **Semantic classification of mobile robot locations through 2D laser scans**  
Kaleci B., Senler C. M., Dutağacı H., Parlaktuna O.  
INTELLIGENT SERVICE ROBOTICS, vol.13, pp.63-85, 2020 (SCI-Expanded)
- IV. **Editorial for TOK 2016 special section**  
PARLAKTUNA O.  
TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, vol.40, no.8, pp.2439, 2018 (SCI-Expanded)
- V. **A Dynamic Path Planning Approach for Multirobot Sensor-Based Coverage Considering Energy Constraints**  
YAZICI A., Kirlik G., PARLAKTUNA O., SİPAHİOĞLU A.  
IEEE TRANSACTIONS ON CYBERNETICS, vol.44, no.3, pp.305-314, 2014 (SCI-Expanded)
- VI. **Performance analysis of bid calculation methods in multirobot market-based task allocation**  
KALECİ B., PARLAKTUNA O.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.21, no.2, pp.565-585, 2013 (SCI-Expanded)
- VII. **A pattern-based genetic algorithm for multi-robot coverage path planning minimizing completion time**  
KAPANOĞLU M., Alikalfa M., ÖZKAN M., YAZICI A., PARLAKTUNA O.  
JOURNAL OF INTELLIGENT MANUFACTURING, vol.23, no.4, pp.1035-1045, 2012 (SCI-Expanded)
- VIII. **MARKET-BASED MULTI-ROBOT TASK ALLOCATION USING ENERGY-BASED BID CALCULATIONS**  
KALECİ B., PARLAKTUNA O.  
INTERNATIONAL JOURNAL OF ROBOTICS & AUTOMATION, vol.27, no.4, pp.396-410, 2012 (SCI-Expanded)
- IX. **Energy constrained multi-robot sensor-based coverage path planning using capacitated arc routing approach**  
SİPAHİOĞLU A., Kirlik G., PARLAKTUNA O., YAZICI A.  
ROBOTICS AND AUTONOMOUS SYSTEMS, vol.58, no.5, pp.529-538, 2010 (SCI-Expanded)
- X. **A Multi-Robot Control Architecture for Fault-Tolerant Sensor-Based Coverage**  
ÖZKAN M., Kirlik G., PARLAKTUNA O., Yufka A., YAZICI A.  
INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS, vol.7, no.1, pp.67-74, 2010 (SCI-Expanded)
- XI. **Project-oriented task scheduling for mobile robot team**  
HASGÜL S., SARIÇİÇEK İ., ÖZKAN M., PARLAKTUNA O.  
JOURNAL OF INTELLIGENT MANUFACTURING, vol.20, no.2, pp.151-158, 2009 (SCI-Expanded)
- XII. **Heuristic-Based Dynamic Route Planning Method for a Homogeneous Multi-robot Team**  
YAZICI A., SİPAHİOĞLU A., PARLAKTUNA O.  
ADVANCED ROBOTICS, vol.23, no.3, pp.269-287, 2009 (SCI-Expanded)
- XIII. **Real-time tour construction for a mobile robot in a dynamic environment**  
SİPAHİOĞLU A., YAZICI A., PARLAKTUNA O., GÜREL U.  
ROBOTICS AND AUTONOMOUS SYSTEMS, vol.56, no.4, pp.289-295, 2008 (SCI-Expanded)
- XIV. **A VRP-based route planning for a mobile robot group**  
PARLAKTUNA O., SİPAHİOĞLU A., YAZICI A.  
Turkish Journal of Electrical Engineering and Computer Sciences, vol.15, no.2, pp.187-197, 2007 (SCI-Expanded)
- XV. **Priority-constrained task sequencing for heterogeneous mobile robots**  
Ozkan M., SARIÇİÇEK İ., Parlaktuna O., HASGÜL S.  
ADVANCES IN APPLIED ARTIFICIAL INTELLIGENCE, PROCEEDINGS, vol.4031, pp.393-399, 2006 (SCI-Expanded)
- XVI. **Adaptive control of free-floating space manipulators using dynamically equivalent manipulator**

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Parlaktuna O., Ozkan M.

ROBOTICS AND AUTONOMOUS SYSTEMS, vol.46, no.3, pp.185-193, 2004 (SCI-Expanded)

### **XVII. Adaptive control of free-floating space robots in Cartesian coordinates**

Parlaktuna O., Ozkan M.

ADVANCED ROBOTICS, vol.18, no.9, pp.943-959, 2004 (SCI-Expanded)

### **XVIII. FINE ATTITUDE-CONTROL OF SPACE-VEHICLES USING SPACE MANIPULATORS**

PARLAKTUNA O., COOK G., STRAUSS A., FERNANDEZ K.

INTERNATIONAL JOURNAL OF ROBOTICS & AUTOMATION, vol.9, no.1, pp.29-35, 1994 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **Position control of input-delayed mobile manipulator**  
ELİBOL SEÇİL G., Obuz S., PARLAKTUNA O.  
International Journal of Dynamics and Control, vol.12, no.9, pp.3289-3307, 2024 (Scopus)
- II. **TWO DOF ROBOT CONTROL WITH FUZZY BASED NEURAL NETWORKS**  
ortatepe z., PARLAKTUNA O.  
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi :A-Uygulamalı Bilimler ve Mühendislik, vol.18, no.4, pp.819-830, 2017 (Peer-Reviewed Journal)
- III. **Task Allocation in Market Based Applications by The Nearest Neighbor Heuristic**  
GÜREL U., PARLAKTUNA O., ADAR N., CANBEK S.  
ANADOLU UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY–A Applied Sciences and Engineering, vol.14, no.2, pp.173-182, 2013 (Peer-Reviewed Journal)
- IV. **Mobile Robot Localization via Outlier Rejection in Sonar Range Sensor Data**  
YILMAZ S., Kayir H. E., KALECİ B., PARLAKTUNA O.  
ISTANBUL UNIVERSITY-JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING, vol.12, no.1, pp.1457-1464, 2012 (ESCI)
- V. **Gezgin Robotlarda Ultrasonik Mesafe Algılayıcılarla Robot Davranışlarının Kontrolü ve Çevre Haritalama**  
PARLAKTUNA O., Eroğlu E.  
Eskişehir Osmangazi University Journal of Engineering and Architecture, vol.2, no.5, pp.83-106, 2007 (Peer-Reviewed Journal)
- VI. **Device Server for a Miniature Mobile Robot**  
ÖZKAN M., PARLAKTUNA O.  
International Journal Of Advanced Robotic Systems, vol.3, no.3, pp.133-138, 2006 (Scopus)

## **Books & Book Chapters**

- I. **Sistem gereksinimlerinin belirlenmesi**  
PARLAKTUNA O.  
in: Sistem Analizi ve Tasarımı, Hasan Durucasu, Şenay Lezki, Editor, Anadolu Üniversitesi, Eskişehir, pp.66-84, 2016
- II. **Sistem Analizi ve Tasarımına Giriş**  
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in: Sistem Analizi ve Tasarımı, Hasan Durucasu, Şenay Lzeki, Editor, Anadolu Üniversitesi, Eskişehir, pp.2-22, 2016
- III. **Pattern-Based Genetic Algorithm Approach to Coverage Path Planning for Mobile Robots**  
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in: Computational Science – ICCS 2009, Allen, G., Nabrzyski, J., Seidel, E., van Albada, G.D., Dongarra, J., Sloot, P.M.A. , Editor, SPRINGER, pp.33-42, 2009

## Refereed Congress / Symposium Publications in Proceedings

- I. **Kısıtlı Mobil Manipülâtörün Modele Dayalı Pozisyon-Kuvvet Denetimi**  
ELİBOL SEÇİL G., PARLAKTUNA O.  
21. Otomatik Kontrol Ulusal Toplantısı - TOK 2019, Turkey, 11 - 14 September 2019
- II. **SPGS: A new method for autonomous 3D reconstruction of unknown objects by an industrial robot**  
UYANIK C., SEÇİL S., ÖZKAN M., DUTAĞACI H., TURGUT K., PARLAKTUNA O.  
19th Annual Conference on Towards Autonomous Robotic Systems, TAROS 2018, Bristol, England, 25 - 27 July 2018, vol.10965 LNAI, pp.15-27
- III. **A Comparative Study for Topological Map Construction Methods from Metric Map**  
KALECİ B., PARLAKTUNA O., GÜREL U.  
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- IV. **A Method for Determining Local Coordinate Frames Attached to Objects by a Laser Profile Sensor in Industrial Robot Workspaces**  
TURGUT K., DUTAĞACI H., Söyleyici C., SEÇİL S., ÖZKAN M., PARLAKTUNA O., PARLAKTUNA M.  
2017 IEEE International Conference on Autonomous Robot Systems and Competitions, Coimbra, Portugal, 26 April - 28 December 2017, pp.260-265
- V. **A Robotic System for Autonomous 3-D Surface Reconstruction of Objects. Design and Implementation**  
SEÇİL S., TURGUT K., Söyleyici C., ÖZKAN M., PARLAKTUNA O., DUTAĞACI H., PARLAKTUNA M.  
2017 The 3rd International Conference on Control and Automation and Robotics (ICCAR 2017), Nagoya, Japan, 22 - 24 April 2017, pp.188-191
- VI. **A Method for Determining Local Coordinate Frames Attached to Objects by a Laser Profile Sensor in Industrial Robot Workspaces**  
TURGUT K., DUTAĞACI H., Söyleyici C., SEÇİL S., ÖZKAN M., PARLAKTUNA O., Parlaktuna M.  
17th IEEE International Conference on Autonomous Robot Systems and Competitions (ICARSC), Coimbra, Portugal, 26 - 28 April 2017, pp.260-265
- VII. **Endüstriyel Robot Programlamada Yeni Bir Yöntem**  
SEÇİL S., PARLAKTUNA O., TURGUT K., ÖZKAN M.  
TÜRKİYE ROBOTBİLİM KONFERANSI (ToRK 2016), İstanbul, Turkey, 2 - 03 November 2016
- VIII. **Design of an Application Programming Interface (API) for Commercial Industrial Robots**  
SEÇİL S., Söyleyici C., ÖZKAN M., PARLAKTUNA O., DUTAĞACI H., TURGUT K., Parlaktuna M.  
14th IEEE International Conference on Industrial Informatics (INDIN), Poitiers, France, 19 - 21 July 2016, pp.225-230
- IX. **Spektral Kümeleme Yöntemi ile Metrik Haritadan Topolojik Harita Oluşturma**  
KALECİ B., Şenler Ç. M., PARLAKTUNA O., GÜREL U.  
2. Türkiye Robotbilim Konferansı (ToRK), Turkey, 26 - 27 October 2015
- X. **Bina İçi Ortamlarda Lazer Mesafe Verisi Kullanarak KuralTabanlı Kapı Bulma**  
KALECİ B., Şenler Ç. M., DUTAĞACI H., PARLAKTUNA O.  
2. Türkiye Robotbilim Konferansı (ToRK), Turkey, 26 - 27 October 2015
- XI. **Sıcaklık Kontrol Sistemi için Deneysel Platform Tasarımı**  
UYANIK C., ÖZKAN M., PARLAKTUNA O.  
Otomatik Kontrol Ulusal Toplantısı, Denizli, Turkey, 10 - 12 September 2015, pp.827-832
- XII. **Simple Programming Scheme for Industrial Robot Manipulators**  
SEÇİL S., TURGUT K., PARLAKTUNA O., ÖZKAN M.  
2015 International Symposium on Innovations in Intelligent Systems and Applications, Madrid, Spain, 2 - 04 September 2015, pp.27-33
- XIII. **People Counting System by Using Kinect Sensor**  
Coskun A., Kara A., Parlaktuna M., ÖZKAN M., PARLAKTUNA O.  
International Symposium on Innovations in Intelligent Systems and Applications (INISTA 2015), Madrid, Spain, 2 - 04 September 2015, pp.149-155

- XIV. Design of an Experimental Platform for Process Control Systems**  
Uyantki C., ÖZKAN M., PARLAKTUNA O.  
9th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 26 - 28 November 2015, pp.812-816
- XV. Rule-Based Door Detection Using Laser Range Data in Indoor Environments**  
KALECİ B., Senler C. M., DUTAĞACI H., PARLAKTUNA O.  
27th IEEE International Conference on Tools with Artificial Intelligence (ICTAI), Vietri sul Mare, Italy, 9 - 11 November 2015, pp.510-517
- XVI. Constructing Topological Map from Metric Map Using Spectral Clustering**  
KALECİ B., Senler C. M., PARLAKTUNA O., GÜREL U.  
27th IEEE International Conference on Tools with Artificial Intelligence (ICTAI), Vietri sul Mare, Italy, 9 - 11 November 2015, pp.139-145
- XVII. A Probabilistic Approach for Semantic Classification Using Laser Range Data in Indoor Environments**  
Kaleci B., Senler C. M., Dutağacı H., Parlaktuna O.  
International Conference on Advanced Robotics (ICAR), İstanbul, Turkey, 27 - 31 July 2015, pp.375-381
- XVIII. Lazer Profil Algılayıcı ve Endüstriyel Robot Kullanımı ile 3 B Görselleştirme Sistemi**  
SEÇİL S., TURGUT K., ÖZKAN M., PARLAKTUNA O.  
Türkiye Otonom Robotlar Konferansı (TORK 2014), Ankara, Turkey, 6 - 07 November 2014
- XIX. Strategy planned Q-learning approach for multi-robot task allocation**  
kayır h. h. e., PARLAKTUNA O.  
11th International Conference on Informatics in Control and Robotics (ICINCO), 1 - 03 September 2014, pp.410-416
- XX. 3-D Visualization System for Geometric Parts Using a Laser Profile Sensor and an Industrial Robot**  
SEÇİL S., TURGUT K., PARLAKTUNA O., ÖZKAN M.  
IEEE International Symposium on Robotics and Manufacturing Automation (IEEE-ROMA), Kuala-Lumpur, Malaysia, 15 - 16 December 2014, pp.160-165
- XXI. Priority-Based Task Allocation in Auction-Based Applications**  
GÜREL U., ADAR N., PARLAKTUNA O.  
IEEE International Symposium on INnovations in Intelligent SysTems and Applications (INISTA), Bulgaria, 19 - 21 June 2013
- XXII. Mobile robot localization via outlier rejection in sonar range sensor data**  
Yılmaz S., Ezercan Kayır H. H., Kaleci B., Parlaktuna O.  
2011 7th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 1 - 04 December 2011, vol.2, pp.434-438
- XXIII. Atama Problemini Kullanan Market Tabanlı Görev Paylaşırma Algoritması**  
KALECİ B., KİRLİK G., PARLAKTUNA O., ÖZKAN M.  
Ulusal Otomatik Kontrol Toplantısı (TOK 2010), Kocaeli, Turkey, 21 - 23 September 2010, pp.380-385
- XXIV. Çoklu Gezin Robotlarla Formasyon Tabanlı Nesne Taşıma**  
YUFKA A., ÖZKAN M., PARLAKTUNA O.  
Ulusal Otomatik Kontrol Toplantısı (TOK 2010), Kocaeli, Turkey, 21 - 23 September 2010, pp.520-525
- XXV. Parçacık Süzgeci Tabanlı Konumlandırma Yöntemi için Yeni Bir Algılayıcı Modeli**  
YILMAZ S., EZERCAN KAYIR H. H., KALECİ B., PARLAKTUNA O.  
Otomatik Kontrol Türk Milli Komitesi – Otomatik Kontrol Ulusal Toplantısı, Gebze-Kocaeli, Turkey, 21 - 23 September 2010, pp.298-303
- XXVI. Market Based Task Allocation Method Using Exploratory Learning for Heterogeneous Multi Robot Team**  
KALECİ B., PARLAKTUNA O., ÖZKAN M.  
International Symposium on Innovations in Intelligent Systems and Applications (INISTA 2010), Kayseri, Turkey, 21 - 24 June 2010, pp.481-485
- XXVII. Repealing Range Sensor Model Approach for Particle Filter Based Mobile Robot Localization Using Sonar Data**

YILMAZ S., EZERCAN KAYIR H. H., KALECİ B., PARLAKTUNA O.

International Symposium on INnovations in Intelligent SysTems and Applications, Kayseri, Turkey, 21 - 24 June 2010, pp.476-480

**XXVIII. Single molecule manipulation by using optical tweezers**

SAYIN E., KILIÇ G., BÜTÜN V., EROL K., PARLAKTUNA O., EROĞLU S.

6th Nanoscience and Nanotechnology Conference-NANOTR VI, İzmir, Turkey, 15 - 18 June 2010

**XXIX. A New Task Reintroduction Approach for Market-Based Task Allocation Method**

KALECİ B., PARLAKTUNA O., ÖZKAN M.

1st International Symposium on Computing in Science and Engineering, 3 - 05 June 2010

**XXX. An Application on Line and Corner Detection Method by Using Laser Beams**

Demir G., YILMAZ S., EZERCAN KAYIR H. H., KALECİ B., YAZICI A., PARLAKTUNA O.

1st International Symposium on Computing in Science and Engineering, 3 - 05 June 2010

**XXXI. A New Task Reintroduction Approach for Market Based Task Allocation**

KALECİ B., PARLAKTUNA O., ÖZKAN M.

The 1st International Symposium on Computing in Science & Engineering (ISCSE), Aydın, Turkey, 3 - 05 June 2010, pp.498-505

**XXXII. A New Line and Corner Detection Method by Using Laser Beams**

DEMİR G., YILMAZ S., EZERCAN KAYIR H. H., KALECİ B., YAZICI A., PARLAKTUNA O.

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**XXXIII. Market-Based Task Allocation by using Assignment Problem**

KALECİ B., PARLAKTUNA O., ÖZKAN M., KIRLIK G.

IEEE International Conference on Systems, Man and Cybernetics, İstanbul, Turkey, 10 - 13 October 2010

**XXXIV. A New Sensor Model for Particle-Filter Based Localization in the Partially Unknown Environments**

YILMAZ S., Kayir H. E., KALECİ B., PARLAKTUNA O.

IEEE International Conference on Systems, Man and Cybernetics, İstanbul, Turkey, 10 - 13 October 2010

**XXXV. Formation-Based Cooperative Transportation by a Group of Non-holonomic Mobile Robots**

Yufka A., PARLAKTUNA O., ÖZKAN M.

IEEE International Conference on Systems, Man and Cybernetics, İstanbul, Turkey, 10 - 13 October 2010, pp.3300-3307

**XXXVI. A New Approach to Improve the Success Ratio and Localization Duration of a Particle Filter Based Localization for Mobile Robots**

YILMAZ S., KALECİ B., EZERCAN KAYIR H. H., PARLAKTUNA O.

6th International Conference On Electrical and Electronics Engineering, Bursa, Turkey, 5 - 08 November 2009, vol.2, pp.370-374

**XXXVII. Gezgin Robotlarda Parçacık Süzgeci Tabanlı Konumlandırma ve Seyrüsefer Yöntemi**

YILMAZ S., EZERCAN KAYIR H. H., KALECİ B., PARLAKTUNA O.

Otomatik Kontrol Türk Milli Komitesi - Otomatik Kontrol Ulusal Toplantısı, İstanbul, Turkey, 13 - 16 October 2009, pp.354-359

**XXXVIII. Gezgin Robotlarda Parçacık Süzgeci Tabanlı Konumlandırma Yönteminde Algılayıcı Veri Hassasiyeti Analizi**

YILMAZ S., EZERCAN KAYIR H. H., KALECİ B., PARLAKTUNA O.

Elektrik, Elektronik, Bilgisayar, Biyomedikal Mühendisliği 13. Ulusal Kongresi, Ankara, Turkey, 23 - 26 December 2009, pp.145-150

**XXXIX. Performance Comparison of the Bug s Algorithms for Mobile Robots**

Yufka A., PARLAKTUNA O.

INISTA 2009, Trabzon, Turkey, 29 June - 01 July 2009, pp.416-420

**XL. Agent Based route planning for a mobile robot**

GÜREL U., PARLAKTUNA O., Kayir H. E.

5th International Advanced Technologies Symposium (IATS09=, Turkey, 13 - 15 May 2009

**XLI. Performance comparison of bug algorithms for mobile robots**

YUFKA A., PARLAKTUNA O.

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- XLII. **A Dynamic Path Planning Approach for Multi-Robot Sensor-Based Coverage Considering Energy Constraints**  
YAZICI A., Kirlik G., PARLAKTUNA O., SİPAHİOĞLU A.  
IEEE RSJ International Conference on Intelligent Robots and Systems, Missouri, United States Of America, 10 - 15 October 2009, pp.5930-5931
- XLIII. **A genetic algorithm for task completion time minimization for multi-robot sensor-based coverage**  
ÖZKAN M., YAZICI A., KAPANOĞLU M., PARLAKTUNA O.  
IEEE International Conference on Control Applications/International Symposium on Intelligent Control, St Petersburg, Russia, 8 - 10 July 2009, pp.1164-1165
- XLIV. **Hierarchical Oriented Genetic Algorithms for Coverage Path Planning of Multi-robot Teams with Load Balancing**  
ÖZKAN M., YAZICI A., Kapanoglu M., Parlaktuna O.  
World Summit on Genetic and Evolutionary Computation (GEC 09), Shanghai, China, 12 - 14 June 2009, pp.451-458
- XLV. **Multi-robot sensor-based coverage path planning using capacitated arc routing approach**  
PARLAKTUNA O., SİPAHİOĞLU A., Kirlik G., YAZICI A.  
IEEE International Conference on Control Applications/International Symposium on Intelligent Control, St Petersburg, Russia, 8 - 10 July 2009, pp.1146-1147
- XLVI. **Pattern-Based Genetic Algorithm Approach to Coverage Path Planning for Mobile Robots**  
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9th International Conference on Computational Science, Louisiana, United States Of America, 25 - 27 May 2009, vol.5544, pp.33-42
- XLVII. **Gezgin Robotlar için Çok Kameralı Konumlandırma Sistemi**  
DOBRUCALI O., YUFKA A., KALECİ B., ÖZKAN M., PARLAKTUNA O.  
Elektrik-Elektronik ve Bilgisayar Mühendisliği Sempozyumu (ELECO 2008), Bursa, Turkey, 26 - 30 November 2008
- XLVIII. **Gezgin Robotlar için Görüntü Tabanlı Konumlandırma Sistemi**  
YUFKA A., DOBRUCALI O., KALECİ B., ÖZKAN M., PARLAKTUNA O.  
Otomatik Kontrol Ulusal Toplantısı (TOK'08), İstanbul, Turkey, 13 - 15 November 2008, pp.47-51
- XLIX. **Erkin Tabanlı Gezgin Robot Kontrol Mimarisinin Ortam Kapsanması Probleminde Kullanımı**  
ÖZKAN M., YAZICI A., PARLAKTUNA O.  
Otomatik Kontrol Ulusal Toplantısı (TOK'08), İstanbul, Turkey, 13 - 15 November 2008, pp.909-914
- L. **A Genetic Algorithm with Orientation Compasses for Single or Multi Robot Coverage Path Planning**  
KAPANOĞLU M., ÖZKAN M., YAZICI A., PARLAKTUNA O.  
6th International Symposium On Intelligent&Manufacturing Systems (IMS'08), Sakarya, Turkey, 14 - 17 October 2008, pp.668-678
- LI. **A Sensor Based Coverage Approach in Dynamic Environment**  
SİPAHİOĞLU A., YAZICI A., KİRLİK G., PARLAKTUNA O.  
6th International Symposium on Intelligent Manufacturing Systems, İzmit, Turkey, 14 - 17 October 2008
- LII. **An agent based framework for a multi robot project scheduling**  
HASGÜL S., SARIÇİÇEK İ., ÖZKAN M., PARLAKTUNA O.  
IJIE 2008: International Journal of Industrial Engineering, Las Vegas, United States Of America, 7 - 10 September 2008, vol.1, pp.596-602
- LIII. **Tepe Kamera ile İç Ortamda Gezgin Robotların Konumlandırılması**  
KALECİ B., ÇAKIR Y., ÖZKAN M., PARLAKTUNA O.  
Akilli Sistemlerde Yenilikler ve Uygulamaları Sempozyumu (ASYU 2008), Isparta, Turkey, 19 - 21 June 2008, pp.106-110
- LIV. **Robot Navigasyonunda Potansiyel Alan Metodlarının Karşılaştırılması ve İç Ortamlarda Uygulanması**  
ÇİNAR E., PARLAKTUNA O., YAZICI A.  
12. Elektrik Elektronik Bilgisayar Biyomedikal Mühendisliği Ulusal Kongresi, Eskişehir, Turkey, 1 - 03 August 2007
- LV. **Priority Constrained Task Sequencing for Heterogeneous Mobile Robots**

ÖZKAN M., SARIÇİÇEK İ., PARLAKTUNA O., HASGÜL S.

The 19th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE'06), Annecy, France, 27 - 30 June 2006, vol.4031, pp.393-399

- LVI. **Resource leveling approach for multi robot task scheduling**  
HASGÜL S., SARIÇİÇEK İ., ÖZKAN M., PARLAKTUNA O.  
5th International Symposium on Intelligent Manufacturing Systems, Sakarya, Turkey, 29 - 31 May 2006, vol.1, pp.1191-1201
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## Metrics

Publication: 99

Citation (WoS): 413

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