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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: V-2044-2019

ScopusID: 8304608400

Yoksis Researcher ID: 201280

Education Information

Doctorate, Carnegie Mellon University, Robotics Institute, Makina Mühendisliği Bölümü, United States Of America 1996 - 1997

Doctorate, Middle East Technical University, Faculty of Engineering, Makine Mühendisliği Bölümü, Turkey 1989 - 1996

Postgraduate, Middle East Technical University, Faculty of Engineering, Makine Mühendisliği Bölümü, Turkey 1986 - 1989

Undergraduate, Istanbul Technical University, Makine Fakültesi, Makine Mühendisliği Bölümü, Turkey 1982 - 1986

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Doktora Sonrası Çalışmalar (Post-Doc) - Mobile Robot Navigation, Sensor Based Path Planning, Carnegie Mellon University, Makina Mühendisliği Bölümü, 1996

Doctorate, Moving part recognition and automatic pick and place using an industrial robot, Middle East Technical University, Faculty of Engineering, Makine Mühendisliği Bölümü, 1996

Postgraduate, Graphical Simulation and Programming of Robots, Middle East Technical University, Faculty of Engineering, Makine Mühendisliği Bölümü, 1989

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Mechanical Engineering, 2019 - Continues

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Mechanical Engineering, 2012 - 2019

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Mechanical Engineering, 2002 - 2012

Lecturer PhD, Middle East Technical University, Faculty of Engineering, Department of Mechanical Engineering, 1995 - 2002

Lecturer PhD, Carnegie Mellon University, Makina Mühendisliği Bölümü, 1996 - 1997

Research Assistant, Universität Karlsruhe, Fakultät Für Informatik Institut Für Prozessrechentechnik Und Robotik, 1991 - 1996

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Mechanical Engineering, 1988 - 1995

Research Assistant, Middle East Technical University, Graduate School of Natural and Applied Sciences, Presidency Office, 1986 - 1988

Courses

MECHANICAL ENGINEERING DESIGN, Undergraduate, 2018 - 2019

MACHINE ELEMENTS II, Undergraduate, 2017 - 2018

MECHANICAL ENGINEERING SYSTEMS LAB., Undergraduate, 2018 - 2019, 2017 - 2018

Collaborative Design 1, Undergraduate, 2016 - 2017

Computer Aided Design and Manufacturing, Doctorate, 2013 - 2014

Engineering Graphics, Undergraduate, 2003 - 2004

Computer Aided Engineering Drawing II, Undergraduate, 1993 - 1994

Computer Aided Engineering Drawing I, Undergraduate, 1993 - 1994

Advising Theses

Konukseven E. İ., High-density and homogeneous mapping using a motion controlled LiDAR, Postgraduate, İ.MELİH(Student), 2023

KONUKSEVEN E. İ., MECHANICAL PROPERTIES COMPARISON OF STRUT-BASED AND TPMS LATTICE STRUCTURES PRODUCED BY EBM, Postgraduate, B.SOKOLLU(Student), 2022

KONUKSEVEN E. İ., Dynamic modeling and analysis of 6x6 skid steered military vehicle with articulated double-acting hydro-pneumatic suspension system, Postgraduate, D.TÜREDİ(Student), 2022

KONUKSEVEN E. İ., Inertial-navigation-system aiding by combining data link and seeker measurements, Postgraduate, E.HAN(Student), 2022

Konukseven E. İ., Koku A. B., OBSTACLE AVOIDANCE CONTROL FOR A HUMAN-OPERATED MOBILE ROBOT, Postgraduate, Y.MOHAMADI(Student), 2019

Konukseven E. İ., Koku A. B., HUMAN AWARE NAVIGATION OF A MOBILE ROBOT IN CROWDED DYNAMIC ENVIRONMENTS, Doctorate, A.HACINECİPOĞLU(Student), 2019

Konukseven E. İ., Design and control of a 2 DOF stabilizer, Postgraduate, Z.KILIÇ(Student), 2019

KONUKSEVEN E. İ., Control of a helicopter during autorotation, Postgraduate, K.ŞANSAL(Student), 2018

KONUKSEVEN E. İ., Development of high performance grinding process using hybrid redundant manipulator, Doctorate, M.LATIFI(Student), 2018

KONUKSEVEN E. İ., ONLINE TRAJECTORY PLANNING FOR NONSTIFF ROBOTIC DEBURRING MACHINES BASED ON DYNAMIC MOVEMENT PRIMITIVES METHOD, Postgraduate, M.ÇAĞRI(Student), 2018

KOKU A. B., KONUKSEVEN E. İ., Slippage estimation of a two wheeled mobile robot using deep neural network, Postgraduate, İ.ÖZÇİL(Student), 2018

KONUKSEVEN E. İ., Mechanical properties of ti6al4v parts produced by electron beam melting and topology optimization in different building directions, Postgraduate, S.TEMEL(Student), 2018

KONUKSEVEN E. İ., Demonstration of robotic deburring process motor skills from motion primitives of human skill model, Postgraduate, P.PARVIZI(Student), 2018

KONUKSEVEN E. İ., KUVVET-GERİ-BESLEMELİ SİSTEMLER İÇİN SAĞINIMLI DÖNER MANYETO-REOLOJİK FREN GELİŞTİRİLMESİ, Doctorate, O.TOPÇU(Student), 2018

KOKU A. B., KONUKSEVEN E. İ., Adaptive structured and unstructured road detection using LIDAR and dome-camera, Postgraduate, S.ÖZGÜN(Student), 2017

KONUKSEVEN E. İ., Active compliance control structure design for a robotic-grinding machine, Postgraduate, A.DÖNDER(Student), 2017

KOKU A. B., KONUKSEVEN E. İ., Realization of virtual fluid environment on a robotic gait trainer for therapeutic purposes, Postgraduate, T.EFE(Student), 2017

KONUKSEVEN E. İ., Off-line nominal path generation of 6-dof robotic manipulator for edge finishing and inspection processes, Postgraduate, M.H.M.(Student), 2016

KONUKSEVEN E. İ., Modelling, simulation and testing of artificial neural network augmented kalman filter for ins/gps and magnetometer integration, Postgraduate, D.YILDIZ(Student), 2016

KONUKSEVEN E. İ., Semi Elliptical Surface Crack Simulation by Using Ansys, Postgraduate, E.GÖZDE(Student), 2016

KOKU A. B., KONUKSEVEN E. İ., A CONDITIONAL COVERAGE PATH PLANNING METHOD FOR AN AUTONOMOUS LAWN MOWER, Postgraduate, A.KAROL(Student), 2016

KONUKSEVEN E. İ., Konukseven E., Modelling, simulation and testing of artificial neural network augmented kalman filter for INS/GPS and magnetometer integration, Postgraduate, D.Yıldız(Student), 2016

KONUKSEVEN E. İ., Prediction of the cutting forces for robotic grinding processes with abrasive mounted bits, Postgraduate, K.AÇIKGÖZ(Student), 2015

KONUKSEVEN E. İ., Development of an autonomous lawn mower with minimalist hardware approach, Postgraduate, S.ÇİÇEK(Student), 2014

KOKU A. B., KONUKSEVEN E. İ., GPU-accelerated adaptive unstructured road detection using close range stereo vision, Postgraduate, K.BUĞRA(Student), 2013

BALKAN R. T., KONUKSEVEN E. İ., Development of an optical system calibration and alignment methodology using Shack-Hartmann wavefront sensor, Postgraduate, F.ZEHRA(Student), 2013

KONUKSEVEN E. İ., Improved positioning by distance-based differential GPS, Postgraduate, M.GHAZIANI(Student), 2013

KONUKSEVEN E. İ., Design and implementation of a head tracking controlled pan and tilt vision system, Postgraduate, H.ÖLMEZ(Student), 2013

KOKU A. B., KONUKSEVEN E. İ., Development of a mobile robot platform to be used in mobile robot research, Postgraduate, M.KASIM(Student), 2013

KONUKSEVEN E. İ., BALKAN R. T., Identification of kinematic parameters using pose measurements and building a flexible interface, Postgraduate, A.BAYRAM(Student), 2012

KONUKSEVEN E. İ., Design & implementation of a scanning platform for mobile robotics, Postgraduate, G.ASLAN(Student), 2012

KONUKSEVEN E. İ., KOKU A. B., Design and implementation of a scanning platform for mobile robotics, Postgraduate, G.Aslan(Student), 2012

KONUKSEVEN E. İ., ÖZGÖREN M. K., Multisensor dead reckoning navigation on a tracked vehicle using Kalman filter, Postgraduate, S.Kırımloğlu(Student), 2012

KONUKSEVEN E. İ., KOKU A. B., Development of electrical and control system of an unmanned ground vehicle for force feedback teleoperation, Postgraduate, A.Hacınecipoğlu(Student), 2012

KONUKSEVEN E. İ., Transparency and stability performance improvement in haptic devices, Doctorate, Ö.BAŞER(Student), 2012

KONUKSEVEN E. İ., Kinematic calibration of industrial robots using full pose measurements and optimal pose selection, Postgraduate, B.Yurttagül(Student), 2010

KONUKSEVEN E. İ., Passive haptic robotic arm design, Postgraduate, S.YILMAZ(Student), 2010

KONUKSEVEN E. İ., KOKU A. B., Unstructured road recognition and following for mobile robots via image processing using anns, Postgraduate, R.AŞKIN(Student), 2010

KONUKSEVEN E. İ., Simulation of flow transients in liquid pipeline systems, Postgraduate, Z.Uygur(Student), 2007
KONUKSEVEN E. İ., Development of dental educational simulation with haptic device, Postgraduate, U.Koçak(Student), 2007
KONUKSEVEN E. İ., Control system design for a haptic device, Postgraduate, S.Bideci(Student), 2007
KONUKSEVEN E. İ., Development of a material cutting model for haptic rendering applications, Postgraduate, G.ÜNER(Student), 2007
KONUKSEVEN E. İ., Simultaneous localization and mapping for a mobile robot operating in outdoor environments, Postgraduate, E.Sezginalp(Student), 2007
KONUKSEVEN E. İ., Data acquisition and processing interface development for 3D laser rangefinder, Postgraduate, O.ÇEVİKBAŞ(Student), 2006
KONUKSEVEN E. İ., Haptic device design, Postgraduate, Ö.Başer(Student), 2006
KONUKSEVEN E. İ., Improving performance of a remote robotic teleoperation over the internet, Postgraduate, M.SELÇUK(Student), 2005
KONUKSEVEN E. İ., Visually guided robotic assembly, Postgraduate, O.Şeran(Student), 2003
KONUKSEVEN E. İ., Improving the accuracy of a mobile robot for localization and mapping of an unknown environment, Postgraduate, G.Gümrükcü(Student), 2003

Research Infrastructure Information

Şahin E., Koku A. B., Ankaralı M. M., Akbaş E., Cinbiş R. G., Kalkan S., Keysan O., Turgut A. E., Yazıcıoğlu Y., Saranlı U., et al., CENTER FOR ROBOTICS AND ARTIFICIAL INTELLIGENCE, January 2021

Designed Programs

Ankaralı M. M., Şahin E., Turgut A. E., Koku A. B., Saranlı U., Saranlı A., Keysan O., Yazıcıoğlu Y., Akbaş E., Ulusoy İ., et al., Doctorate, Robotik Lisansüstü Programı, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Mechanical properties comparison of strut-based and triply periodic minimal surface lattice structures produced by electron beam melting**
Sokollu B., Gulcan O., Konukseven E. I.
ADDITIVE MANUFACTURING, vol.60, 2022 (SCI-Expanded)
- II. **Multiple human trajectory prediction and cooperative navigation modeling in crowded scenes**
Hacinecipoglu A., KONUKSEVEN E. İ., KOKU A. B.
INTELLIGENT SERVICE ROBOTICS, vol.13, no.4, pp.479-493, 2020 (SCI-Expanded)
- III. **Fast head detection in arbitrary poses using depth information**
HACINECİPOĞLU A., KONUKSEVEN E. İ., KOKU A. B.
SENSOR REVIEW, vol.40, no.2, pp.175-182, 2020 (SCI-Expanded)
- IV. **Off-line nominal path generation of 6-DoF robotic manipulator for edge finishing and inspection processes**
Nemer M., KONUKSEVEN E. İ.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.99, pp.85-96, 2018 (SCI-Expanded)
- V. **Realization of human gait in virtual fluid environment on a robotic gait trainer for therapeutic purposes**
Ertop T. E., Yuksel T., KONUKSEVEN E. İ.
ROBOTICS AND AUTONOMOUS SYSTEMS, vol.105, pp.59-68, 2018 (SCI-Expanded)

- VI. **High-performance parallel hexapod-robotic light abrasive grinding using real-time tool deflection compensation and constant resultant force control**
Latifinavid M., Donder A., KONUKSEVEN E. İ.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.96, pp.3403-3416, 2018 (SCI-Expanded)
- VII. **Design and multi-physics optimization of rotary MRF brakes**
Topcu O., TAŞCIOĞLU Y., KONUKSEVEN E. İ.
RESULTS IN PHYSICS, vol.8, pp.805-818, 2018 (SCI-Expanded)
- VIII. **Modeling and experimental evaluation of a rotary peristaltic magnetorheological fluid device with low off-state torque for haptic interfaces**
Topcu O., TAŞCIOĞLU Y., KONUKSEVEN E. İ.
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, vol.40, no.1, 2018 (SCI-Expanded)
- IX. **Hybrid model based on energy and experimental methods for parallel hexapod-robotic light abrasive grinding operations**
Latifinavid M., KONUKSEVEN E. İ.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.93, pp.3873-3887, 2017 (SCI-Expanded)
- X. **Optical alignment procedure utilizing neural networks combined with Shack-Hartmann wavefront sensor**
Adil F. Z., Konukseven E. I., Balkan T., Adila O. F.
OPTICAL ENGINEERING, vol.56, no.5, 2017 (SCI-Expanded)
- XI. **Improving the trajectory tracking performance of autonomous orchard vehicles using wheel slip compensation**
BAYAR G., Bergerman M., KONUKSEVEN E. İ., KOKU A. B.
BIOSYSTEMS ENGINEERING, vol.146, pp.149-164, 2016 (SCI-Expanded)
- XII. **Fast and accurate semiautomatic haptic segmentation of brain tumor in 3D MRI images**
Latifi-Navid M., Bilen M., KONUKSEVEN E. İ., Dogan M., Altun A.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.3, pp.1397-1412, 2016 (SCI-Expanded)
- XIII. **Dynamic modeling and parameter estimation for traction, rolling, and lateral wheel forces to enhance mobile robot trajectory tracking**
BAYAR G., KOKU A. B., KONUKSEVEN E. İ.
ROBOTICA, vol.33, no.10, pp.2204-2220, 2015 (SCI-Expanded)
- XIV. **Localization and control of an autonomous orchard vehicle**
BAYAR G., Bergerman M., KOKU A. B., KONUKSEVEN E. İ.
COMPUTERS AND ELECTRONICS IN AGRICULTURE, vol.115, pp.118-128, 2015 (SCI-Expanded)
- XV. **Electrophysiologic vestibular evaluation in type 2 diabetic and prediabetic patients: Air conduction ocular and cervical vestibular evoked myogenic potentials**
Konukseven O., Polat S. K. B., KARAHAN S., Konukseven E., Ersoy R., Cakir B., Kutluhan A., AKSOY S.
INTERNATIONAL JOURNAL OF AUDIOLOGY, vol.54, no.8, pp.536-543, 2015 (SCI-Expanded)
- XVI. **Optimal posture control algorithm to improve the stability of redundant haptic devices**
Baser O., KONUKSEVEN E. İ.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, vol.228, no.4, pp.599-610, 2014 (SCI-Expanded)
- XVII. **Hybrid control algorithm to improve both stable impedance range and transparency in haptic devices**
Baser O., Gurocak H., KONUKSEVEN E. İ.
MECHATRONICS, vol.23, no.1, pp.121-134, 2013 (SCI-Expanded)
- XVIII. **7-DOF Haptic device and interface design**
Baser O., KONUKSEVEN E. İ.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.21, no.2, pp.493-499, 2013 (SCI-Expanded)

- XIX. Kinematic model calibration of a 7-DOF capstan-driven haptic device for pose and force control accuracy improvement**
Baser O., KONUKSEVEN E. İ.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, vol.227, pp.1328-1340, 2013 (SCI-Expanded)
- XX. Utilization of motor current based torque feedback to improve the transparency of haptic interfaces**
Baser O., KONUKSEVEN E. İ.
MECHANISM AND MACHINE THEORY, vol.52, pp.78-93, 2012 (SCI-Expanded)
- XXI. Passive Haptic Interface with MR-Brakes for Dental Implant Surgery**
Senkal D., Gurocak H., KONUKSEVEN E. İ.
PRESENCE-TELEOPERATORS AND VIRTUAL ENVIRONMENTS, vol.20, no.3, pp.207-222, 2011 (SCI-Expanded)
- XXII. Development of a Visio-Haptic Integrated Dental Training Simulation System**
Konukseven E. İ., Önder M. E., Mumcuoğlu Ü. E., Kişnişçi R. S.
JOURNAL OF DENTAL EDUCATION, vol.74, pp.880-891, 2010 (SCI-Expanded)
- XXIII. Theoretical and experimental determination of capstan drive slip error**
Baser O., Konukseven E. İ.
MECHANISM AND MACHINE THEORY, vol.45, pp.815-827, 2010 (SCI-Expanded)
- XXIV. Multisensor controlled robot system for recognizing and tracking moving multiple objects**
Konukseven I., Kaftanoglu B.
JOURNAL OF ROBOTIC SYSTEMS, vol.16, no.11, pp.651-665, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. DESIGN, TOPOLOGY OPTIMIZATION AND TESTING OF AN AIRCRAFT PART PRODUCED BY ELECTRIC BEAM MELTING FOR WEIGHT REDUCTION**
Gülcan O., Sokollu B., Temel Yiğitbaşı S., Konukseven E. İ.
International Journal of 3D Printing Technologies and Digital Industry, vol.6, no.2, pp.207-217, 2022 (Peer-Reviewed Journal)
- II. Elektronik Işınıyla Ergitme Yöntemiyle Üretilen Ti6Al4V Parçalarının Mekanik Özellikleri Üzerinde İnşaat Yönünün Etkisi**
Konukseven E. İ., Gülcan O., Temel Yiğitbaşı S.
Makina Tasarım ve İmalat Dergisi, vol.1, no.19, pp.1-9, 2021 (Peer-Reviewed Journal)
- III. Pose invariant people detection in point clouds for mobile robots**
Hacinecipoglu A., Konukseven E. İ., Koku A. B.
International Journal of Mechanical Engineering and Robotics Research, vol.9, pp.709-715, 2020 (Scopus)
- IV. Spectral Coherence Analysis between Grinding Interaction Forces and the Relative Motion of the Workpiece and the Cutting Tool**
DÖNDER A., KONUKSEVEN E. İ.
International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, vol.10, no.8, pp.1490-1496, 2016 (Peer-Reviewed Journal)
- V. Design and implementation of a 3D range scanner for mobile robots**
ASLAN G., KONUKSEVEN E. İ., Koku B.
Key Engineering Materials, vol.572, no.1, pp.644-647, 2014 (Scopus)
- VI. A control system for hydraulic single axis durability test rig**
ÇALIŞKAN H., Balkan T., Platin B. E., Konukseven I. E.
ASME 2012 5th Annual Dynamic Systems and Control Conference Joint with the JSME 2012 11th Motion and Vibration Conference, DSCC 2012-MOVIC 2012, vol.1, pp.723-732, 2012 (Scopus)
- VII. Kinematic Calibration of PHANTOM Premium 1.516DOF Haptic Device**

- Baser O., KONUKSEVEN E. İ.
ADVANCED DESIGN AND MANUFACTURE IV, vol.486, pp.205-208, 2011 (Scopus)
- VIII. **Mechanical Properties Identification of Viscoelastic/Hyperelastic Materials Using Haptic Device Based Experimental Setup**
Tabakci A., KONUKSEVEN E. İ.
ADVANCED DESIGN AND MANUFACTURE IV, vol.486, pp.115-118, 2011 (Scopus)
- IX. **Product Based Material Testing for Hyperelastic Suspension Jounce Bumper Design with FEA**
ÇALIŞKAN K., KONUKSEVEN E. İ., ÜNLÜSOY Y. S.
KEY ENGINEERING MATERIALS, vol.450, pp.119-123, 2011 (Scopus)
- X. **Development of a novel 6DOF multi-contact material cutting model for visio-haptic rendering applications**
Uner G., Konukseven E. I.
International Journal of Design Engineering, vol.3, no.3, pp.260-275, 2010 (Peer-Reviewed Journal)
- XI. **Product-oriented material testing and FEA for hyperelastic suspension jounce bumper design**
Caliskan K., KONUKSEVEN E. İ., Unlusoy Y. S.
International Journal of Design Engineering, vol.3, no.4, pp.374-391, 2010 (Peer-Reviewed Journal)
- XII. **Design of a Configurable All Terrain Mobile Robot Platform**
BAYAR G., KOKU A. B., KONUKSEVEN E. İ.
International Journal of Mathematical Models and Methods in Applied Sciences, vol.3, pp.366-373, 2009 (Scopus)
- XIII. **Web Based Education Support Tools Used for Teaching the Engineering Graphics Course**
KONUKSEVEN E. İ.
Key Engineering Materials, vol.419, pp.777-780, 2009 (Scopus)
- XIV. **Control of a differentially driven mobile robot using radial basis function based neural networks**
Bayar G., KONUKSEVEN E. İ., Buğra Koku A.
WSEAS Transactions on Systems and Control, vol.3, no.12, pp.1002-1013, 2008 (Scopus)
- XV. **ATV Tabanlı İnsansız Kara Aracı Geliştirilmesi**
BAYAR G., KONUKSEVEN E. İ., KOKU A. B., BALKAN R. T.
Makina Tasarım ve İmalat Dergisi, vol.9, pp.55-66, 2007 (Peer-Reviewed Journal)
- XVI. **Üniversite öğretim üyelerinin internet üzerinden eğitim konusundaki görüşleri**
KILIÇ E., BARAN B., BAKAR ÇÖREZ A., ÇAĞILTAY K., KONUKSEVEN E. İ., Yalabık N., TOROSLU İ. H.
EURASIAN JOURNAL OF EDUCATIONAL RESEARCH, vol.0, no.22, pp.159-165, 2006 (Peer-Reviewed Journal)
- XVII. **Dokunsal Kuvvet Geri Beslemeli Cihaz Tasarımı**
BAŞER Ö., KONUKSEVEN E. İ., KOKU A. B.
Makina Tasarım ve İmalat Dergisi, vol.7, pp.68-78, 2005 (Peer-Reviewed Journal)
- XVIII. **Robot end-effector based sensor integration for tracking moving parts**
KONUKSEVEN E. İ., Kaftanoğlu B.
International Conference on Knowledge-Based Intelligent Electronic Systems, Proceedings, KES, vol.2, pp.628-634, 2000 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Design and Implementation of Leveling and Balancing Algorithm for 6x6 Electric Unmanned Ground Vehicle with Active Hydro-Pneumatic Suspension System**
Besir M., Ulusoy K. B., Alkan A., KONUKSEVEN E. İ.
3rd International Conference on Innovations and Development of Information Technologies and Robotics, IDITR 2024, Hong Kong, China, 23 - 25 May 2024, pp.37-41
- II. **A Comprehensive Analysis of LDA, SVM, and Neural Network Algorithms in Multiclass Myoelectric Identification of Limb Movements**
Evcı F., Efe A., KONUKSEVEN E. İ.
11th International Conference on Control, Dynamic Systems, and Robotics, CDSR 2024, Toronto, Canada, 10 - 12

June 2024

- III. **Gait Recognition and Phase Detection Using WearableIMUSensorsand Neural Network Algorithms**
Evcı F., Saroglu Y., Konukseven E. I.
7th International Conference on Advances in Artificial Intelligence, ICAAI 2023, İstanbul, Turkey, 13 - 15 October 2023, pp.138-143
- IV. **Yüksek Görüş Alanına Sahip ve Homojen Tarama Yapabilen Lazer Tarama Sistemi Tasarımı ve Geliştirilmesi**
KONUKSEVEN E. İ., Canbolat İ. M.
21. Ulusal Makina Teorisi Sempozyumu, Edirne, Turkey, 13 September 2023, pp.177-184
- V. **1D Simulation of a Single Engined VLA Class Aircraft's Fuel System**
Senel E. B., Boncu E., Suat Y., Konukseven E. I.
10th International Conference on Recent Advances in Air and Space Technologies, RAST 2023, İstanbul, Turkey, 7 - 09 June 2023
- VI. **INS Aiding by Combining Radar Altimeter and Seeker Measurements**
Ata E. H., Erer K. S., Konukseven E. I.
AIAA SciTech Forum and Exposition, 2023, Florida, United States Of America, 23 - 27 January 2023
- VII. **Modeling and Simulation of Active Double-Acting Hydro-Pneumatic Suspension System Using Fuzzy Logic Controller for 6x6 Terrain Vehicle**
Ulusoy K. B., Değirmenci B., Türedi D., Karaman M., Alkan A. H., KONUKSEVEN E. İ.
The 19 th International Conference on Machine Design and Production, Cappadocia, Turkey, 31 August 2022, pp.409-422
- VIII. **Modeling and Simulation of Double Acting Hydro-Pneumatic Suspension System for 6x6 Terrain Vehicle with Different Performance Parameters**
Ulusoy K. B., Değirmenci B., Türedi D., Filiz E., Karaman M., KONUKSEVEN E. İ.
International Symposium on Unmanned Systems and The Defence Industry, Madrid, Spain, 30 May 2022, pp.1-8
- IX. **Automatic Extraction of the Non-Urban Roads from Satellite Images using Artificial Neural Network**
GHAZİANİ M., KONUKSEVEN E. İ., KOKU A. B.
8th International Symposium on Innovative Technologies in Engineering and Science, Bursa, Turkey, 23 - 25 October 2020, vol.3, no.96, pp.491-500
- X. **Slippage Estimation of Two Wheeled Mobile Robot Using Recurrent Deep Neural Network**
Özçil O., Koku A. B., Konukseven E. İ.
2019 International Conference on Artificial Intelligence, Robotics and Control, AIRC 2019, Cairo, Egypt, 14 - 16 December 2019, pp.7-13
- XI. **Pose Invariant People Detection in Point Clouds for Mobile Robots**
Hacinecipoglu A., Konukseven E. İ., Koku A. B.
2019 The 3rd International Conference on Advances in Artificial Intelligence (ICAAI 2019), İstanbul, Turkey, 26 - 28 October 2019, pp.1-7
- XII. **6x6 Taktik Tekerlekli Askeri Kara Platformu Üzerinde Kullanılacak Hidropnömatik Süspansiyon Sisteminin Modellenmesi ve Sistem Elemanlarının Sönümlenmeye Etkisinin İncelenmesi - Modeling of Hydropneumatic Suspension System to be used on 6x6 Tactical Wheeled Military Land Platform and Investigation of the Effect of System Elements on Damping**
Kocakulak T., Çoğünlü S. A., Konukseven E. İ.
INTERNATIONAL SYMPOSIUM ON AUTOMOTIVE SCIENCE AND TECHNOLOGY, Ankara, Turkey, 5 - 06 September 2019, pp.98-110
- XIII. **Behavior-Based Approach for Cooperative Control of a Haptic-driven Mobile Robot**
Mohamadi Y., KONUKSEVEN E. İ., KOKU A. B.
23rd International Conference on Mechatronics Technology (ICMT), Salerno, Italy, 23 - 26 October 2019
- XIV. **Slippage Estimation of a two wheeled Mobile Robot using Feedforward Deep Neural Network**
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