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International Researcher IDs

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Education Information

Doctorate, Inonu University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2014 - Continues

Postgraduate, Firat University, Faculty Of Technology, Department Of Mechatronics Engineering, Turkey 2010 - 2012

Undergraduate, Firat University, Faculty Of Technical Education, Department Of Computer Education, Turkey 2005 - 2009

Academic Titles / Tasks

Research Assistant, Inonu University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2014 - Continues

Advising Theses

DİRİK M., Hesaplamalı zekâ tabanlı hibrit metotlar ile görüntü eşleme, Postgraduate, M.DİRİK(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Global Path Planning and Path-Following for Wheeled Mobile Robot Using a Novel Control Structure Based on a Vision Sensor**
DİRİK M., KOCAMAZ A. F., Castillo O.
INTERNATIONAL JOURNAL OF FUZZY SYSTEMS, vol.22, no.6, pp.1880-1891, 2020 (SCI-Expanded)
- II. **Visual servoing based control methods for nonholonomic mobile robot**
DİRİK M., KOCAMAZ A. F., DÖNMEZ E.
JOURNAL OF ENGINEERING RESEARCH, vol.8, no.2, pp.95-113, 2020 (SCI-Expanded)
- III. **A Vision-Based Real-Time Mobile Robot Controller Design Based on Gaussian Function for Indoor Environment**
DÖNMEZ E., KOCAMAZ A. F., DİRİK M.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.43, no.12, pp.7127-7142, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Visual-Servoing Based Global Path Planning Using Interval Type-2 Fuzzy Logic Control**
DİRİK M., Castillo O., KOCAMAZ A. F.
AXIOMS, vol.8, no.2, 2019 (ESCI)

II. Realization of a Hybrid Face Detecting and Verifying System

DİRİK M., HANBAY D., KOCAMAZ A. F.

International Journal of Computer Applications, vol.179, no.12, pp.20-25, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Visual Servoing Based Path Planning For Wheeled Mobile Robot in Obstacle Environments

DİRİK M., KOCAMAZ A. F., DÖNMEZ E.

2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017

II. Static Path Planning Based on Visual Servoing via Fuzzy Logic

DİRİK M., KOCAMAZ A. F., DÖNMEZ E.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

III. Visual Based Path Planning with Adaptive Artificial Potential Field

DÖNMEZ E., KOCAMAZ A. F., DİRİK M.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

IV. Bi-RRT Path Extraction and Curve Fitting Smooth with Visual Based Configuration Space Mapping

DÖNMEZ E., KOCAMAZ A. F., DİRİK M.

2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017

V. Vision-Based Decision Tree Controller Design Method Sensorless Application by using Angle Knowledge

DİRİK M., KOCAMAZ A. F., DÖNMEZ E.

24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1849-1852

VI. Robot Control with Graph Based Edge Measure in Real Time Image Frames

DÖNMEZ E., KOCAMAZ A. F., DİRİK M.

24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1789-1792

Supported Projects

DİRİK M., TUBITAK Project, Engelli Ortamlarda Heterojen Dağılmış Hedefler İçin İşbirlikçi Çoklu Robotların Vizyon Tabanlı Görev Paylaşımlı Kontrolü, 2017 - Continues

Metrics

Publication: 11

Citation (WoS): 17

Citation (Scopus): 36

H-Index (WoS): 3

H-Index (Scopus): 4