

Res. Asst. Ahmet Sadık Duru

Personal Information

Email: asduru@yyu.edu.tr

Web: <http://avesis.yyu.edu.tr/asduru/>

Address: Van Yüzüncü Yıl Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Zeve Kampüsü, Tuşba/VAN

International Researcher IDs

ScholarID: zeYI3uUAAAAJ

ORCID: 0000-0001-9142-9344

Yoksis Researcher ID: 300429

Education Information

Doctorate, Ankara Yıldırım Beyazıt University, Mühendislik Ve Doğa Bilimleri Fakültesi, Makine Mühendisliği, Turkey
2020 - Continues

Postgraduate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), Turkey 2017 - 2020

Undergraduate, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2009 - 2015

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, DYNAMIC ANALYSIS AND CONTROL OF REHABILITATION ROBOT MANIPULATOR FOR HEAD-NECK ORTHOPAEDIC DISORDERS, Van Yüzüncü Yıl University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2020

Research Areas

Mechanical Engineering, Machine Theory and Dynamics, Robotics

Published journal articles indexed by SCI, SSCI, and AHCI

- DESIGN AND CONTROL OF A REHABILITATION ROBOT MANIPULATOR FOR HEAD-NECK ORTHOPAEDIC DISORDERS**
Bayram A., Duru A. S.
INTERNATIONAL JOURNAL OF ROBOTICS AND AUTOMATION, vol.37, no.6, pp.486-497, 2022 (SCI-Expanded)

Articles Published in Other Journals

- Metaheuristic Algorithms Based PID Controller Tuning Approach for Inverted Pendulum System**
Duru A. S.

Refereed Congress / Symposium Publications in Proceedings

I. Enhancing Trajectory Following in VTOL Cargo UAVs: Adaptive Control in Changing Payload Scenarios

Duru A. S., Özaslan T., Soygüder S.

2023 7th International Symposium on Innovative Approaches in Smart Technologies (ISAS), İstanbul, Turkey, 23 - 25 November 2023, pp.1-9

II. Dynamics Analysis of a Head-Neck Rehabilitation Robot using Newton-Euler Equations

Bayram A., Duru A. S.

International Conference on Engineering Technologies (ICENTE'22), Konya, Turkey, 17 - 19 November 2022, vol.1, pp.277-281

Metrics

Publication: 4