

## Res. Asst. MUSTAFA DAĞDELEN

### Personal Information

Office Phone: [+90 322 338 6084](tel:+903223386084) Extension: 2722

Office Phone: [+90 322 338 6084](tel:+903223386084) Extension: 2727

Email: [mdagdelen@cu.edu.tr](mailto:mdagdelen@cu.edu.tr)

Web: <https://avesis.cu.edu.tr//mdagdelen>

### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Bölümü Abd, Turkey 2017 - Continues

Post Graduate, Cukurova University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Bölümü, Turkey 2014 - 2017

Under Graduate, Gaziantep University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2009 - 2014

### Foreign Languages

English, B1 Intermediate

### Dissertations

Post Graduate, DEVELOPMENT OF A CONCEPTUAL MODEL FOR WRIST AND FOREARM REHABILITATION ROBOT WITH TWO DEGREES OF FREEDOM, Cukurova University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Bölümü Abd, 2017

### Research Areas

Mechanical Engineering, Machine Theory and Dynamics, Machine Dynamics, System Dynamics and Control, Mechanisms, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Cukurova University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2014 - Continues

### Articles Published in Other Journals

- I. **An Experimental Method for Estimating Combined Friction Torque in Vane Type Pneumatic Semi Rotary Actuators**  
Dağdelen M., Sarıgeçili M. İ.  
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.24, no.6, pp.1272-1283, 2020 (National Refreed University Journal)
- II. **ESTIMATION OF THE FRICTION PARAMETERS OF LINEAR PNEUMATIC CYLINDERS**  
Dağdelen M., Sarıgeçili M. İ.  
Mühendislik ve Tasarım Bilimleri Dergisi, vol.8, no.2, pp.397-406, 2020 (National Refreed University Journal)
- III. **Development of a Test Apparatus for Estimation of Friction Parameters at Linear Pneumatic**

## **Cylinders**

DAĞDELEN M., SARIGEÇİLİ M. İ.

Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.34, no.3, pp.131-141, 2019 (National Refreed University Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **DEVELOPMENT OF A PROTOTYPE EXPERIMENTAL SETUP FOR MACHINE LEARNING BASED CONTROL APPLICATIONS**  
ÖZGÜR H. E. , DAĞDELEN M., SARIGEÇİLİ M. İ.  
4. ÇUKUROVA ULUSLARARASI BİLİMSEL ARAŞTIRMALAR KONGRESİ, Adana, Turkey, 21 - 23 February 2020, pp.49-50
- II. **DOĞRUSAL POTANSİYOMETRELERİN MEKANİK SİSTEMLERDEKİ SÜRTÜNME KUVVETİNE ETKİSİ**  
DAĞDELEN M., ÖZGÜR H. E. , SARIGEÇİLİ M. İ.  
4. ÇUKUROVA ULUSLARARASI BİLİMSEL ARAŞTIRMALAR KONGRESİ, Adana, Turkey, 21 - 23 February 2020, pp.205-217
- III. **Friction Torque Estimation of Vane Type Semi-Rotary Pneumatic Actuators In The Form Of Combined Coulomb-Viscous Model**  
DAĞDELEN M., SARIGEÇİLİ M. İ.  
5TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Turkey, 17 - 19 December 2019, pp.1152-1161
- IV. **DESIGN OF AN EXPERIMENTAL SETUP FOR DETERMINING FRICTION PARAMETERS OF LINEAR PNEUMATIC CYLINDERS**  
DAĞDELEN M., SARIGEÇİLİ M. İ.  
4TH INTERNATIONAL ENERGY & ENGINEERING CONGRESS, Gaziantep, Turkey, 24 - 25 October 2019, pp.637-638
- V. **Üst Uzuv Rehabilitasyon Robotlarında Kontrol Teknikleri**  
DAĞDELEN M., SARIGEÇİLİ M. İ.  
XVI. Otomatik Kontrol Seminer ve Sergisi, Adana, Turkey, 24 - 25 April 2019, pp.94-101
- VI. **İKİ SERBESTLİK DERECELİ BİLEK VE ÖN KOL REHABİLİTASYON ROBOTUNUN KAPALI ÇEVİRİM KONTROLÜ**  
DAĞDELEN M., SARIGEÇİLİ M. İ.  
XV. OTOMATİK KONTROL SEMİNER VE SERGİSİ, Adana, Turkey, 25 - 26 May 2017, pp.57-65
- VII. **Development of a conceptual model for wrist/forearm rehabilitation robot with two degrees of freedom**  
DAĞDELEN M., SARIGEÇİLİ M. İ.  
25th International Conference on Robotics in Alpe-Adria-Danube Region, RAAD 2016, Belgrade, Serbia And Montenegro, 30 June - 02 July 2016, vol.540, pp.523-530