

## Res. Asst. PhD ÖMER HALUK BAYRAKTAR

### Personal Information

Office Phone: [+90 216 777 3748](tel:+902167773748)

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### Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Makine Mühendisliği (Dr), Turkey 2011 - 2016

Postgraduate, Marmara University, Faculty of Engineering, Mechanical Engineering, Turkey 1999 - 2002

Undergraduate, İstanbul Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, Turkey 1993 - 1998

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Analytical Derivation Of Stiffness In Redundantly Actuated Planar Parallel Mechanisms, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), 2016

Postgraduate, Stiffness control of redundantly actuated variable geometry truss manipulators, Marmara Üniversitesi, Faculty of Engineering, Makine Mühendisliği Bölümü, 2002

### Research Areas

Mechanisms, Robotics, Mechanical Testing

### Courses

Engineering Drawing, Undergraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020

Mechanical Engineering Drawing, Undergraduate, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

Engineering Programming, Undergraduate, 2016 - 2017, 2017 - 2018

Computer Aided Manufacturing, Undergraduate, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017

CAD Techniques, Undergraduate, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015

### Refereed Congress / Symposium Publications in Proceedings

- I. Değişken Geometriye Sahip Çatı Yapılı Manipulatörlerde Katılık Kontrolü Tahrik Kuvvetlerinin

## **Analizi**

BAYRAKTAR Ö. H. , ADLI M. A.

Ulusal Makina Teorisi Sempozyumu, Konya, Turkey, 12 - 14 September 2001, vol.1

## **Supported Projects**

Bayraktar Ö. H. , Yayla P., Söylemez E., Project Supported by Higher Education Institutions, MECHANICAL TESTS LABORATORY INFRASTRUCTURE PROJECT, 2017 - 2019

Çetiner B. N. , Genç S., Yılmaz B., Bayraktar Ö. H. , Yaltrık H., Mergen A., Project Supported by Higher Education Institutions, Analysis of Heat Transfer Mechanisms of Ferrofluids, 2015 - 2019

Gül M. Z. , Kar A. K. , Binark A. K. , Ersoy S., Yılmaz M., Bayraktar Ö. H. , Yaltrık H., Project Supported by Higher Education Institutions, Güneş Enerjili Araba Tasarımı ve Üretim Projesi, 2006 - 2008