

Res. Asst. CENK KARAMAN

Personal Information

Office Phone: [+90 262 303 3095](tel:+902623033095) Extension: 3095

Email: cenk.karaman@kocaeli.edu.tr

Web: <https://avesis.kocaeli.edu.tr/1172>

Address: Kocaeli Üniversitesi Umuttepe Yerleşkesi, Mühendislik Fakültesi A Blok, Mekatronik Mühendisliği Bölümü, Otomasyon Laboratuvarı, İzmit/Kocaeli

Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Mekatronik Mühendisliği Bölümü, Turkey 2015 - Continues

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Control and Automation Engineering, Turkey 2010 - 2014

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Mekatronik Mühendisliği Bölümü, Turkey 2005 - 2010

Undergraduate, Fachhochschule Bochum, Mekatronik, Germany 2005 - 2010

Foreign Languages

English, B1 Intermediate

German, B1 Intermediate

Dissertations

Postgraduate, Esnek Eklemler Manipülasyon Kontrolü, Istanbul Technical University, Fen Bilimleri Enstitüsü, Control and Automation Engineering, 2015

Research Areas

Machine Theory and Dynamics, System Dynamics and Control, Mechanisms, Robotics, Mechatronics, Modeling and Simulation of Dynamic Systems

Academic Titles / Tasks

Research Assistant, Kocaeli University, Fen Bilimleri Enstitüsü, Mekatronik Mühendisliği Bölümü, 2014 - Continues

Research Assistant, Abdullah Gul University, Mühendislik Fakültesi, Mekatronik Mühendisliği, 2012 - 2013

Research Assistant, Istanbul Gedik University, Faculty Of Engineering, Department Of Mechatronics Engineering, 2010 - 2011

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

1. **Advanced robotics analysis toolbox for kinematic and dynamic design and analysis of high-DOF redundant serial manipulators**

Özakyol H., Karaman C., Bingül Z.

COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.27, no.6, pp.1429-1452, 2019 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Force Control of Industrial Electromechanical Cylinder Drivetrain With A Ball-Screw Mechanism**
KARAMAN C., Fotuhi M., Karataş M., BİNGÜL Z.
10th International Symposium on Intelligent Manufacturing and Service Systems, Sakarya, Turkey, 9 - 11 September 2019
- II. **Kinematic and dynamic analysis and design toolbox of high-DOF hybrid multibody systems**
Özakyol H., Karaman C., Bingül Z.
44th Annual Conference of the IEEE Industrial Electronics Society, IECON 2018, Washington, United States Of America, 20 - 23 October 2018, pp.2558-2563
- III. **Robotics toolbox for kinematic analysis and design of hybrid multibody systems**
Özakyol H., Karaman C., Bingül Z.
18th International Conference on Advanced Robotics, ICAR 2017, Hong Kong, China, 10 - 12 July 2017, pp.401-406

Citations

Total Citations (WOS):3

h-index (WOS):1