

Asst. Prof. ŞÖLEN KUMBAY YILDIZ

Personal Information

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Education Information

Doctorate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Ve Elektronik Muhendisligi, Turkey 2006 - 2013

Post Graduate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Ve Elektronik Muhendisligi, Turkey 2003 - 2006

Under Graduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Elektrik Ve Elektronik Muhendisligi, Turkey 1999 - 2003

Foreign Languages

German, C1 Advanced

English, C1 Advanced

Research Areas

Electrical and Electronics Engineering, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Hacettepe Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2004 - Continues

Professional Experience

Deputy Head of Department, Hacettepe Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2017 - Continues

Courses

DEVRE TEORİSİ 1, Under Graduate, 2016 - 2017, 2017 - 2018

DENETİM SİSTEMLERİ TASARIMI, Under Graduate, 2017 - 2018

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

- I. Fabrication and characterisation of highly stretchable elastomeric strain sensors for prosthetic hand applications**

Yildiz S. K. , MUTLU R., ALICI G.

SENSORS AND ACTUATORS A-PHYSICAL, vol.247, pp.514-521, 2016 (Journal Indexed in SCI)

II. Relay sliding mode control based on the input-output model

KUMBAY YILDIZ Ş., DEMİRCİOĞLU H.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, pp.2609-2626, 2016
(Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

I. Detection of the Turkish Sign Language Alphabet with Strain Sensor Based Data Glove

Kaya F., Tuncer A. F. , Yildiz S. K.

26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

II. TURKISH SIGN LANGUAGE ALPHABET TRANSLATOR

Yalcin M., Ilgaz S., Ozkul G., Yildiz S. K.

26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

III. Relay Sliding Mode Control of Multiloop Systems Based on the Input-Output Model

Yildiz S. K. , DEMİRCİOĞLU H.

IEEE Conference on Control and Applications (CCA), Sydney, Australia, 21 - 23 September 2015, pp.834-839

Supported Projects

KUMBAY YILDIZ Ş., Project Supported by Higher Education Institutions, Çokdöngülü sistemlerin giriş - çıkış yöntemine dayalı röle ile kayan kipli denetimi, 2015 - 2016

Citations

Total Citations (WOS):18

h-index (WOS):1