

Res. Asst. Berkem VURAL

Personal Information

Office Phone: [+90 212 383 5967](tel:+902123835967)

Fax Phone: [+90 212 383 5959](tel:+902123835959)

Email: berkem.vural@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/berkem.vural>

Address: Yıldız Teknik Üniversitesi, Davutpaşa Kampüsü Elektrik - Elektronik Fakültesi, Kontrol ve Otomasyon Mühendisliği Bölümü A-189 34220 Esenler / İstanbul

Education Information

Associate Degree, Anadolu University, Open Education Faculty, Department Of Management Information Systems, Turkey 2022 - Continues

Undergraduate, Istanbul University, Faculty Of Law, Turkey 2022 - Continues

Postgraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, Turkey 2022 - Continues

Associate Degree, Anadolu University, Open Education Faculty, Department Of Computer Technologies, Turkey 2020 - 2022

Postgraduate, Politecnico di Milano, Scuola di Ingegneria Industriale e dell'informazione, Biyomedikal Muhendisligi, Italy 2018 - 2022

Associate Degree, Anadolu University, Open Education Faculty, Department Of Economics And Administrative Programs, Turkey 2016 - 2018

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechatronics Engineering, Turkey 2013 - 2018

Foreign Languages

Italian, A2 Elementary

English, C1 Advanced

French, A1 Beginner

Articles Published in Other Journals

- I. **DISCRETE TIME-BASED FEEDBACK LINEARIZATION CONTROLLER APPROACH FOR ROBOT MANIPULATOR**
Vural B., Taş A. İ., Özden A. B., Aydın M., İşcan M., Yılmaz C.
F.Ü. Uzay ve Savunma Teknolojileri Dergisi, vol.1, no.1, pp.180-185, 2022 (Peer-Reviewed Journal)
- II. **ANTENNA TRACKER DESIGN WITH A DISCRETE LYAPUNOV STABILITY BASED CONTROLLER FOR MINI UNMANNED AERIAL VEHICLES**
İŞCAN M., TAŞ A. İ., Vural B., Özden A. B., YILMAZ C.
International Journal of Multidisciplinary Studies and Innovative Technologies, vol.6, no.1, pp.77-85, 2022 (Peer-Reviewed Journal)
- III. **A Novel QT Interval Analysis Method Based On Continuous Wavelet Transform and Philips Algorithm**

İŞCAN M., YILMAZ A., Vural B., YILMAZ C., TUZCU V.

Journal of Engineering and Science in Medical Diagnostics and Therapy, vol.5, no.1, pp.1-7, 2022 (Peer-Reviewed Journal)

IV. Modeling and Simulation of a Lower Limb Exoskeleton System with Pathologic Cases

İŞCAN M., YILMAZ C., Vural B., Eken H.

ASME Journal of Engineering and Science in Medical Diagnostics and Therapy, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. EXAMINING TÜRKİYE'S PROGRESS AT THE DAWN OF THE REPUBLIC'S 100th YEAR: AN OVERVIEW OF TURKISH HEALTH SYSTEM

Vural B.

2.INTERNATIONAL SELÇUK SCIENTIFIC RESEARCHES CONGRESS, Konya, Turkey, 21 - 22 October 2023, pp.217

II. Design of an Upper Limb Exoskeleton Controlled by Extremum Seeking Control Based EMG Signal Alteration

Vural B., Yasar C. F.

Otomatik Kontrol Türk Milli Komitesi Ulusal Kongresi TOK2023, İstanbul, Turkey, 14 - 16 September 2023, pp.1-7

III. Lyapunov Control Method Based Optimal Control of Alpha-Type Stirling Motor

Azanpa M., Vural B., Taş A. İ., Özden A. B., İşcan M.

4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Ankara, Turkey, 09 June 2022

IV. ANTENNA TRACKER DESIGN WITH A DISCRETE LYAPUNOV STABILITY BASED CONTROLLER FOR MINI UNMANNED AERIAL VEHICLES

İŞCAN M., Taş A. İ., Vural B., Özden A. B., YILMAZ C.

4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Ankara, Turkey, 09 June 2022

V. Real Time Discrete Control Algorithm for Gimbal System Design in Mini Unmanned Aerial Vehicles

Taş A. İ., İşcan M., Özden A. B., Çınar E., Vural B., Yılmaz C.

4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Ankara, Turkey, 09 June 2022

Metrics

Publication: 11