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Publons / Web Of Science ResearcherID: AAU-4214-2020

ScopusID: 57201983716

Yoksis Researcher ID: 229286

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), Turkey 2017 - Continues

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), Turkey 2015 - 2017

Undergraduate, Dokuz Eylül University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2008 - 2012

Dissertations

Postgraduate, Durum bağımlı Riccati denklemi tabanlı model referans uyarlamalı kontrolcü tasarımı ve üç serbestlik dereceli helikopter uygulaması, Gazi University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), 2017

Research Areas

System Dynamics and Control, Modeling and Simulation of Dynamic Systems, Flight Dynamics and Stability

Academic Titles / Tasks

Research Assistant, Gazi University, Mühendislik Fakültesi, Makina Mühendisliği, 2015 - Continues

Articles Published in Other Journals

- Controller Designs for Nonlinear Systems with Application to 3 DOF Helicopter Model**
KOCAGİL B. M., ARICAN A. Ç., Güzey Ü. M., Özcan S., SALAMCI M. U.
Gazi University Journal of Science Part A: Engineering and Innovation, vol.4, no.3, pp.47-66, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Experiment of Sliding Mode Control with Nonlinear Sliding Surface Design for a 3-DOF Helicopter Model**
Guzey U. M., ÇOPUR E. H., Ozcan S., ARICAN A. Ç., KOCAGİL B. M., SALAMCI M. U.
27th International Conference on Information, Communication and Automation Technologies (ICAT), Sarajevo, Bosnia And Herzegovina, 10 - 13 October 2019
- II. **Adaptive Control of a 3 DoF Helicopter with Linear and Nonlinear Reference Models**
KOCAGİL B. M., Ozcan S., ARICAN A. Ç., Guzey U. M., ÇOPUR E. H., SALAMCI M. U.
6th International Conference on Control Engineering and Information Technology (CEIT), İstanbul, Turkey, 25 - 27 October 2018
- III. **MRAC of a 3-DoF Helicopter with Nonlinear Reference Model**
KOCAGİL B. M., Ozcan S., ARICAN A. Ç., Guzey U. M., ÇOPUR E. H., SALAMCI M. U.
26th Mediterranean Conference on Control and Automation (MED), Zadar, Croatia, 19 - 22 June 2018, pp.278-283
- IV. **Linear and Nonlinear Optimal Controller Design for a 3 DOF Helicopter**
ARICAN A. Ç., Ozcan S., KOCAGİL B. M., Guzey U. M., ÇOPUR E. H., SALAMCI M. U.
19th International Carpathian Control Conference (ICCC), Szilvasvarad, Hungary, 28 - 31 May 2018, pp.185-190
- V. **Suboptimal Control of a 3 DOF Helicopter with State Dependent Riccati Equations**
ARICAN A. Ç., Ozcan S., Guzey U. M., KOCAGİL B. M., SALAMCI M. U.
XXVI International Conference on Information, Communication and Automation Technologies (ICAT), Sarajevo, Bosnia And Herzegovina, 26 - 28 October 2017

Supported Projects

KOCAGİL B. M., ARICAN A. Ç., SALAMCI M. U., Project Supported by Other Official Institutions, Optimum Nonlinear Kazanç Katsayısı Kullanılarak Helikopter Rotor Kontrolcü Tasarımı, 2015 - 2018

Metrics

Publication: 6

Citation (WoS): 10

Citation (Scopus): 25

H-Index (WoS): 2

H-Index (Scopus): 4