

Personal Information

Office Phone: [+90 312 210 4264](tel:+903122104264)

Email: myayla@metu.edu.tr

Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Havacılık Mühendisliği (Dr), Turkey 2016 - Continues

Post Graduate, Middle East Technical University, Faculty of Engineering, Department of Aerospace Engineering, Turkey 2013 - 2016

Under Graduate, Middle East Technical University, Faculty of Engineering, Department of Aerospace Engineering, Turkey 2009 - 2013

Dissertations

Post Graduate, An Integration Method over a Moving Window for Exponential Convergence in Adaptive Control without Persistency of Excitation, Middle East Technical University, Faculty of Engineering, Department of Aerospace Engineering, 2016

Research Areas

Technical Sciences, Mechanical Engineering, Machine Theory and Dynamics, System Dynamics and Control, Aeronautical and Space Engineering, Aeronautical Engineering , Flight Sciences, Flight Dynamics and Stability

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Aerospace Engineering, 2014 - Continues

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

- **Command governor-based adaptive control for dynamical systems with matched and unmatched uncertainties**

YAYLA M., Arabi E., KUTAYA A. T. , Yucelen T.

INTERNATIONAL JOURNAL OF ADAPTIVE CONTROL AND SIGNAL PROCESSING, vol.32, pp.1124-1144, 2018 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- **Design Methodologies of a Distributed Propulsion Aircraft**

Fouda M., Haq R., Naeem H. N. , Saeed M. A. , Wanyoni S. N. , Cigal N., Beker C., YAYLA M., KURTULUŞ D. F. 10th Ankara International Aerospace Conference, Ankara, Turkey, 18 - 20 September 2019

- **Adaptive Control Algorithm for Linear Systems with Matched and Unmatched Uncertainties**

YAYLA M., KUTAYA A. T.

55th IEEE Conference on Decision and Control (CDC), Nevada, United States Of America, 12 - 14 December 2016, pp.2975-2980

- **Guaranteed Exponential Convergence without Persistent Excitation in Adaptive Control**
YAYLA M., KUTAYA. T.
11th UKACC International Conference on Control (UKACC Control), Belfast, United Kingdom, 31 August - 02 September 2016
- **DYNAMIC STABILITY FLIGHT TESTS OF REMOTE SENSING MEASUREMENT CAPABLE AMPHIBIOUS UNMANNED AERIAL VEHICLE (A-UAV)**
Yayla M., Sarsilmaz S. B. , Mutlu T., Coşgun V., Kurtuluş B., Kurtuluş D. F. , Tekinalp O.
7. ANKARA INTERNATIONAL AEROSPACE CONFERENCE, Ankara, Turkey, 11 - 13 September 2013

Citations

Total Citations (WOS):8

h-index (WOS):1