

**AHMED**

**Personal Information**

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**Education**

Post Doctorate, Yildiz Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, Turkey 2024 - 2026

Doctorate, Yildiz Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, Turkey 2018 - 2022

**Articles**

- I. **New FOPID Control Design for Flight Dynamics With Special Phenomena**  
Sir Elkhatem A., ENGİN Ş. N., Malik Z.  
Optimal Control Applications and Methods, vol.46, no.4, pp.1814-1833, 2025 (SCI-Expanded, Scopus)
- II. **Robust LQR and LQR-PI control strategies based on adaptive weighting matrix selection for a UAV position and attitude tracking control**  
Elkhatem A., Engin Ş. N.  
Alexandria Engineering Journal, vol.61, no.8, pp.6275-6292, 2022 (SCI-Expanded, Scopus)
- III. **Enhancing performance and stability of gain-scheduling control system using evolutionary algorithms: A case study on transport aircraft**  
Elkhatem A., ENGİN Ş. N.  
EXPERT SYSTEMS WITH APPLICATIONS, vol.213, 2022 (SCI-Expanded, Scopus)
- IV. **Robust Control for Non-Minimum Phase Systems with Actuator Faults: Application to Aircraft Longitudinal Flight Control**  
Sir Elkhatem A., ENGİN Ş. N., Pasha A. A., Rahman M. M., Pillai S. N.  
APPLIED SCIENCES-BASEL, vol.11, no.24, 2021 (SCI-Expanded, Scopus)

**Papers Presented at Peer-Reviewed Scientific Conferences**

- I. **Transfer and Bayesian Learning Approaches for Land Use and Land Cover Classification**  
Malik Z., Elkhatem A., BİLGİN G.  
7th IEEE International Conference on Emerging Smart Computing and Informatics, ESCI 2025, Pune, India, 5 - 07 March 2025, (Full Text)

**Metrics**

Publication: 5

Citation (WoS): 120

Citation (Scopus): 162

H-Index (WoS): 3

H-Index (Scopus): 3