

Res. Asst. AHMET KAAAN KARABÜBER

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Yildiz Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, Turkey
2023 - Continues

Postgraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechatronics Engineering,
Turkey 2020 - 2023

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Mekatronik Mühendisliği, Turkey 2013 - 2018

Research Areas

Control and System Engineering, Robotics and Mechatronics Systems, Signal Processing, Artificial Intelligence, Computer Learning and Pattern Recognition, System Dynamics and Control

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2020 - Continues

Articles Published in Other Journals

- I. State Estimation and Control for a Model Scale Passenger Ship using an LQG Approach**
ÇAKICI F., Jambak A. I., Kahramanoğlu E., KARABÜBER A. K., Ustah B., ÖĞÜR M. U., Peri F., ŞAHİN Ö. S., Uğur M. A., Bayezit A. B.
Journal of Eta Maritime Science, vol.12, no.4, pp.365-376, 2024 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. Improved Ship Roll Motion Performance with Combined EKF Parameter Estimation and MPC Control**
ÇAKICI F., Jambak A. I., Kahramanoğlu E., KARABÜBER A. K., Kucukdemiral I., ÖĞÜR M. U., Peri F., ŞAHİN Ö. S., Uğur M. A.
2024 IEEE Conference on Control Technology and Applications, CCTA 2024, Newcastle upon Tyne, England, 21 - 23 August 2024, pp.477-482
- II. SHIP ROLL MOTION DAMPING USING ACTIVE FIN STABILIZERS WITH SLIDING MODE CONTROL**

KARABÜBER A. K., YEŞİLDİREK A., ÇAKICI F.

2ndINTERNATIONAL ISTANBUL CONGRESS OF MULTIDISCIPLINARY SCIENTIFIC RESEARCH, İstanbul, Turkey, 28 - 29 September 2022

Supported Projects

Çakıcı F., Kahramanoğlu E., Karabüber A. K., Şahin Ö. S., TUBITAK Project, Gemiler için yalpa hareketi sönümleyici aktif kanatçık sistemi ile kontrolcü algoritmaları geliştirilmesi ve deneysel ortamda doğrulanması, 2023 - 2025

Metrics

Publication: 3