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Foreign Languages

English, C1 Advanced French, C1 Advanced

Advising Theses

ERKMEN A. M., Real time dense slam in unstructured dynamic cluttered 3d environments, Doctorate, Ö.HASTÜRK(Student), 2022

ERKMEN A. M., Coriolis vibratory MEMS gyro drive axis control with proxy-based sliding mode controller, Doctorate, D.ÜNSAL(Student), 2022

ERKMEN A. M., Prediction of renal respiratory motion for compensation during percutaneous needle insertion in robot assisted surgery, Postgraduate, M.ÇETİNKAYA(Student), 2018

ERKMEN A. M., Implementation of fractional order controller for stabilized visual tracking system in real military platforms, Postgraduate, M.BAYINDIR(Student), 2018

ERKMEN A. M., Dynamic formation control with heterogeneous mobile robots, Postgraduate, K.ÇİMENCİ(Student), 2016 ERKMEN A. M., GROWING 3D MAPS FROM 2D SLAM MAPS OBTAINED BY INDOOR SLAM WITH HETEROGENEOUS MOBILE ROBOTS, Postgraduate, B.ÇETİNKAYA(Student), 2015

ERKMEN A. M., Growing 3D maps from 2D SLAM maps obtained by indoor SLAM with heterogeneous mobile robots, Postgraduate, B.Çetinkaya(Student), 2015

ERKMEN A. M., ONLINE MINING OF HUMAN DEEP INTENTION BY PROACTIVE ENVIRONMENT CHANGES USING DEEP NEURAL NETWORKS, Postgraduate, N.BAKİ(Student), 2015

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ERKMEN A. M., Reshaping human intentions by autonomous sociable robot moves through intention transients generated by elastic networks considering human emotions, Postgraduate, O.CAN(Student), 2014

ERKMEN A. M., Self-reconfigurable modular exoskeleton, Postgraduate, Ç.ALTINTAŞI(Student), 2014

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ERKMEN A. M., The stabilization of a two axes gimbal of a roll stabilized missile, Postgraduate, Ö.Hastürk(Student), 2011 GÖKÇAY D., ERKMEN A. M., Wavelet based deconvolution techniques in identifying fMRI based brain activation, Postgraduate, E.ADLI(Student), 2011

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ERKMEN A. M., ERKMEN İ., Fuzzy actor-critic learning based intelligent controller for high-level motion control of serpentive robots, Postgraduate, E.ONUR(Student), 2005

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ERKMEN A. M., Narrowing the boundary region of rough sets using neural networks, Postgraduate, İ.TOPALLI(Student), 1999

ERKMEN A. M., Holonic modelling of robot hands, Postgraduate, M.DURNA(Student), 1999

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III. Percolation enhanced prioritised multi-robot exploration of unstructured environments Topal S., ERKMEN İ., ERKMEN A. M.

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I. Formation Control of Unmanned Aerial Vehicles for Dynamically Changing Formations Facing Suddenly Emerging Environmental Features

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III. Achieving Asymptotically Optimal Throughput in Centralized Mobile Robot Networks without Dispatching Feedback

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IV. Elastic Networks in Reshaping Human Intentions by Proactive Social Robot Moves

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V. Intelligent Mesh For Self Reconfigurability of an Exoskeleton Arm

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VI. IMITATION OF HUMAN BODY POSES BY THE FORMATION CONTROL OF A FLUIDIC SWARM Tilki U., ERKMEN İ., ERKMEN A. M.

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Supported Projects

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Metrics

Publication: 84 Citation (WoS): 228 Citation (Scopus): 266 H-Index (WoS): 7 H-Index (Scopus): 8

Non Academic Experience

METU

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METU Electrical Eng Dept

METU Electrical Eng. Dept.

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