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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAM-3747-2020

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Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, Turkey 2015 - Continues

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, Turkey 2012 - 2015

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, Turkey 2007 - 2012

Foreign Languages

English, C2 Mastery

Dissertations

Postgraduate, Task assignment and scheduling in UAV mission planning with multiple constraints, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2015

Research Areas

Uncertainty Management, Evolutionary Computing, Automated Problem Solving, Theorem Proving and Logical Reasoning

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2012 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. Incremental multi-agent path finding

Semiz F., Polat F.

FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE, vol.116, pp.220-233, 2021 (SCI-Expanded)

II. Solving the area coverage problem with UAVs: A vehicle routing with time windows variation

SEMİZ F., POLAT F.

Robotics and Autonomous Systems, vol.126, 2020 (SCI-Expanded)

Articles Published in Other Journals

I. Scanning Non-planar Areas with Unmanned Vehicles

Seylan Ç., Semiz F.

Savunma Bilimleri Dergisi, vol.11, no.1, pp.107-117, 2012 (Peer-Reviewed Journal)

Books & Book Chapters

I. Karar destek amaçlı MODSİM IV - İnsansız araçlarla düzlemsel olmayan alanların taranması

Semiz F.

in: USMOS 2011 DÖRDÜNCÜ ULUSAL SAVUNMA UYGULAMALARI MODELLEME VE SİMÜLASYON KONFERANSI, Veysi İşler, Halit Oğuztüzün, Nur Evin Özdemirel, Bilge Kaan Görür, Editor, ODTÜ-TSK MODSİMMER, Ankara, pp.688-698, 2011

Refereed Congress / Symposium Publications in Proceedings

I. The Specialized Threat Evaluation and Weapon Target Assignment Problem: Genetic Algorithm Optimization and ILP Model Solution

Baraklı A. B., Semiz F., Atasoy E.

26th International Conference on Applications of Evolutionary Computation, EvoApplications 2023, held as part of EvoStar 2023, Brno, Czech Republic, 12 - 14 April 2023, vol.13989 LNCS, pp.19-34

II. LIMP: Incremental Multi-agent Path Planning with LPA*

Yorganci M. A., SEMİZ F., POLAT F.

14th International Conference on Agents and Artificial Intelligence (ICAART), ELECTR NETWORK, 3 - 05 February 2022, pp.208-215

Metrics

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