

Personal Information

Email: can.umut.ileri@ege.edu.tr

Web: <http://akademik.ube.ege.edu.tr/netos/ileri.php>

Education Information

Doctorate, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Bilgi Teknolojileri (Dr), Turkey 2013 - 2017

Post Graduate, Politecnico Di Milano, Bilgisayar Mühendisliği, Italy 2009 - 2012

Under Graduate, Kadir Has Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2015 - 2009

Undergraduate Double Major, Kadir Has Üniversitesi, Fen-Edebiyat Fakültesi, İstatistik Ve Bilgisayar Bilimleri Pr. (Tam Burslu), Turkey 2005 - 2009

Foreign Languages

English, C1 Advanced

Italian, B2 Upper Intermediate

Dissertations

Doctorate, Distributed and Self-stabilizing Algorithms for Capacitated Graph Theory Problems, Ege Üniversitesi, Uluslararası Bilgisayar Enstitüsü, Uluslararası Bilgisayar Enstitüsü, 2018

Post Graduate, A column generation algorithm for network routing subject to max-min fair flow allocation, Politecnico Di Milano, Bilgisayar Mühendisliği, 2012

Research Areas

Computer Sciences, algorithms, Performance Modelling and Evaluation, Distributed Systems, Computer Networks, Data Routing, Theoretical Computer Science, Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Ege Üniversitesi, Uluslararası Bilgisayar Enstitüsü, Bilgisayar Bilimleri, 2018 - Continues

Research Assistant, Ege Üniversitesi, Uluslararası Bilgisayar Enstitüsü, Bilgisayar Bilimleri Anabilim Dalı, 2015 - Continues

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

- **A distributed and asynchronous approach for optimizing weighted graph matchings in wireless network services**
İLERİ C. U. , DAĞDEVİREN O.
EXPERT SYSTEMS WITH APPLICATIONS, vol.119, pp.73-89, 2019 (Journal Indexed in SCI)
- **A Self-stabilizing Algorithm for b-matching**
İleri C. U. , Dağdeviren O.
Theoretical Computer Science, vol.1, pp.1-35, 2018 (Journal Indexed in SCI)

Articles Published in Other Journals

- **On single-path network routing subject to max-min fair flow allocation**

AMALDI E., CONIGLIO S., Gianoli L. G. , İleri C. U.

Electronic Notes in Discrete Mathematics, vol.41, pp.543-550, 2013 (Refereed Journals of Other Institutions)

Book & Book Chapters

- **On Vertex Cover Problems in Distributed Systems**

İLERİ C. U. , URAL A., DAĞDEVİREN O., KAVALCİ V.

in: Advanced Methods for Complex Network Analysis Book, , Editor, IGI Global, 2016

Refereed Congress / Symposium Publications in Proceedings

- **Fault Tolerance Performance of Self-stabilizing Independent Set Algorithms on a Covering-based Problem: The Case of Link Monitoring in WSNs**

Yigit Y., Umut İleri C., DAĞDEVİREN O., İLERİ C. U.

IEEE ICEEE, Ankara, Turkey, 01 October 2018, vol.1, pp.6-10

- **Evaluating Fault Tolerance Properties of Self-stabilizing Matching Algorithms in Wireless Sensor Networks**

Umut İleri C., DAĞDEVİREN O., İLERİ C. U.

IEEE BLACKSEACOM, Gurcistan, Georgia, 01 October 2018, vol.1, pp.1-6

- **Improving Distributed Maximum Weighted Matchings for Communication Networks**

İLERİ C. U. , DAĞDEVİREN O.

5th IEEE International Black Sea Conference on Communications and Networking (IEEE BlackSeaCom), İstanbul, Turkey, 5 - 08 June 2017, pp.264-268

- **An Energy-Efficient Capacitated Minimum Spanning Tree Algorithm for Topology Control in Wireless Sensor Networks**

ASCIM., İLERİ C. U. , DAĞDEVİREN O.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

- **Performance Evaluation of Distributed Maximum Weighted Matching Algorithms**

İLERİ C. U. , DAĞDEVİREN O.

6th International Conference on Digital Information and Communication Technology and its Applications (DICTAP), Konya, Turkey, 21 - 23 July 2016, pp.103-108

Citations

Total Citations (WOS):3

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