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Education Information

Doctorate, Marmara University, Faculty Of Technology, Computer Engineering, Turkey 2024 - Continues

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2020 - 2023

Undergraduate, Inonu University, Mühendislik Fakültesi, Biyomedikal Mühendisliği, Turkey 2016 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. MDSA: A Dynamic and Greedy Approach to Solve the Minimum Dominating Set Problem**
OKUMUŞ F., KARCI Ş.
Applied Sciences (Switzerland), vol.14, no.20, 2024 (SCI-Expanded)
- II. New algorithm for near-maximum independent set and its upper bounds in claw-free graphs**
Pençesiz çizgelerde maksimum-yakin bağımsız küme ve üst sınırları için yeni algoritma
Karci Ş., ARI A., KARCI A.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.37, no.3, pp.1553-1564, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. Calculating the Centrality Values According to the Strengths of Entities Relative to their Neighbours and Designing a New Algorithm for the Solution of the Minimal Dominating Set Problem**
KARCI Ş., OKUMUŞ F., KARCI A.
Computer Science, vol.8, no.1, pp.50-56, 2023 (Peer-Reviewed Journal)
- II. Discovering The Relationships between Fractional Order Derivatives and Complex Numbers**
KARCI A., KARCI Ş.
Anatolian Journal of Computer Sciences, 2022 (Peer-Reviewed Journal)
- III. Farklı Otokodlayıcı Modelleri ile Sentetik Beyin MR Görüntülerinin Çoğaltılması**
KARCI Ş.
Muş Alparslan Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, 2021 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. Obtaining the Dominating Set in Graphs with the Invasive Weed Optimization Algorithm**
KARCI Ş., KARATAŞ BAYDOĞMUŞ G.

8th International Artificial Intelligence and Data Processing Symposium, IDAP 2024, Malatya, Turkey, 21 - 22 September 2024

II. Introducing trees obtained from given graph for finding independent set : greedy approach

KARCI Ş., ARI A.

International Online Conferance on Engineering and Natural Sciences, 05 July 2021

III. Determination of Effective Nodes in Graphs

KARCI A., KARCI Ş.

International Conferance on Science, Engineering Technology-ICSET,2020, Mekke, Saudi Arabia, 15 February 2020