

2023 PUBLICATIONS

ARTICLE

Articles Published in Journals (Indexed in SCI, SCI-Expanded, SSCI and AHCI)

1. Korban, A., Şahinkaya, S., & Üstün, D. (2023). New type i binary 72 36 12 self-dual codes from composite matrices and R 1 lifts. *Advances in Mathematics of Communications*, 17, 0–0.
2. Yontar, A. A., Sofuoğlu, D., Ayaz, T., Değirmenci, H., & Üstün, D. (2023). Investigation of combustion characteristics on triethyl borate trimethyl borate diesel and gasoline droplets. *Elsevier BV*, 266, 0–0.
3. Dougherty, S., Korban, A., Şahinkaya, S., & Üstün, D. (2023). Group matrix ring codes and constructions of self-dual codes. *Applicable Algebra in Engineering, Communication and Computing*, 34, 279–299.
4. Dougherty, S., Korban, A., Şahinkaya, S., & Üstün, D. (2023). Construction of DNA Codes From Composite Matrices and a Bio-Inspired Optimization Algorithm. *IEEE Transactions on Information Theory*, 69, 0–0.
5. Toktaş, A., Erkan, U., Üstün, D., & Wang, X. (2023). Parameter optimization of chaotic system using Pareto-based triple objective artificial bee colony algorithm. *Neural Computing and Applications*, 0–0.
6. Şahinkaya, S., Dougherty, S., & Üstün, D. (2023). A novel method for image encryption using time signature-dependent s-boxes based on latin squares and the playfair system of cryptography. *Multimedia Tools and Applications (Science and Business Media LLC)*, 0–0.
7. Gül, M. N., Yazar, O., Coşkun, S., Zhang, F., LI, L., & Ersöz Kaya, İ. (2023). Güç paylaşımli hibrit elektrikli araçlar için Monte Carlo algoritması kullanarak öngörülü eşdeğer tüketim minimizasyon stratejisi. *Journal of the Faculty of Engineering and Architecture of Gazi University*, 38(3), 1615–1630.
8. Şenol, A. (2023). MCMST Clustering defining non-spherical clusters by using minimum spanning tree over KD-tree-based micro-clusters. *Neural Computing and Applications*, 0–0.
9. Şenol, A., Kaya, M., & Canbay, Y. (2023). Akan Veri Kümeleme Probleminde Ağaç Veri Yapılarının Performans Karşılaştırması. *Journal of the Faculty of Engineering and Architecture of Gazi University*, 0–0.

Articles Published in Journals (Indexed in ULAKBIM TR Index or Other National Refereed Journals)

1. Yücelbaş, C., & Yücelbaş, Ş. (2023). Examining the Success of Information Gain Pearson Correlation and Symmetric Uncertainty Ranking Methods on 3D Hand Posture Data for Metaverse Systems. *Sakarya University Journal of Science*, 0–0.
2. Türkegün Şengül, M., Temel, G., & Ersöz Kaya, İ. (2023). Use of Survival Data in Multivariate Adaptive Regression Analysis Simulation Study. *Türkiye Klinikleri Journal of Biostatistics*, 15(1), 42–51.
3. Şenol, A. (2023). Comparison of Performance of Classification Algorithms Using Standard Deviation-based Feature Selection in Cyber Attack Datasets. *International Journal of Pure and Applied Sciences*, 9(1), 209–222.

BOOK / BOOK CHAPTER

1. Dougherty S., Şahinkaya S., Üstün D. (2023). *Contemporary Mathematics 785 (Algebra and Coding Theory)*. Yer: Amer. Math. Soc.