

Res. Asst. BURCU ECEM KARAKAŞ

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Middle East Technical University, Institute of Applied Mathematics, Cryptography, Turkey 2019 - Continues
Postgraduate, Tobb University Of Economics And Technology, Institute Of Science, Mathematics, Turkey 2016 - 2019
Undergraduate, Tobb University Of Economics And Technology, Faculty Of Arts And Sciences, Department Of
Mathematics, Turkey 2011 - 2016

Dissertations

Postgraduate, Cryptographic applications of BCH, QC-MDPC, gabidulin codes and performance analyses of some code-based post-quantum algorithms, Tobb University Of Economics And Technology, Institute Of Science, 2019

Research Areas

Cryptography, Computer Science, Field Theory and Polynomials, Group Theory and Generalizations, Number Theory

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Institute of Applied Mathematics, Cryptography, 2022 - Continues

Books

- Kuantum Öncesinden Kuantum Sonrasına Eliptik Eğri Kriptografi ve Uygulamaları**
CENK M., KARAKAŞ B. E., Orhon Kılıç N. G.
in: Siber Güvenlik ve Savunma Kitap Serisi 6: SİBER GÜVENLİK ONTOLOJİSİ, TEHDİTLER VE ÇÖZÜMLER, , Editor,
Nobel Akademik Yayıncılık Eğitim Danışmanlık Tic. Ltd. Şti, pp.395-456, 2022

Supported Projects

Özbudak F., Özkaya B., Güneri C., Karakaş Z., TÜBİTAK International Bilateral Joint Cooperation Program Project,
Orthogonal Arrays, Covering Radius, LCD Codes, Flag Codes and Related Areas, 2024 - 2026

Metrics

Publication: 1

Congress and Symposium Activities

17th International Conference on Information Security and Cryptology (ISCTürkiye), Attendee, Ankara, Turkey, 2024