

## Assoc. Prof. MELEK DİKER

### Personal Information

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### International Researcher IDs

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### Advising Theses

DİKER M., A study on the set choice of multiple factor graph belief propagation decoders for polar codes, Postgraduate, Ş.CAN(Student), 2018

DİKER M., Belief propagation decoding of polar codes under factor graph permutations, Postgraduate, A.GÖKHAN(Student), 2018

DİKER M., Randomness properties of some vector sequences generated by multivariate polynomial iterations, Doctorate, P.GÜRKAN(Student), 2016

DİKER M., Blind channel estimation in OFDM systems, Postgraduate, M.AKİF(Student), 2015

DİKER M., An analysis on Luby transform encoding-decoding algorithms and proposals for more efficient practical usage, Postgraduate, M.BÜLBÜLDERE(Student), 2015

DİKER M., An Investigation on Belief Propagation Decoding of Polar Codes, Postgraduate, O.DOĞAN(Student), 2015

DİKER M., Simulation and verification of security attacks on light-weight rfid protocols, Postgraduate, S.AHMED(Student), 2014

DİKER M., Design of a reduced complexity rateless spinal decoder, Postgraduate, M.TAŞ(Student), 2014

DİKER M., On the avalanche properties of MISTY1, KASUMI, KASUMI-R, Postgraduate, S.AKLEYLEK(Student), 2008

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **9-variable Boolean functions with nonlinearity 242 in the generalized rotation symmetric class**

Kavut S., DİKER M.

INFORMATION AND COMPUTATION, vol.208, no.4, pp.341-350, 2010 (SCI-Expanded)

### Metrics

Publication: 1

Citation (WoS): 44

Citation (Scopus): 39

H-Index (WoS): 1

H-Index (Scopus): 1

### Non Academic Experience

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