

## Assoc. Prof. MELEK DİKER

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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

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

1. **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 (Journal Indexed in SCI)

### Citations

Total Citations (WOS):42

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