

Burak Bartan

Ph.D. Student in Electrical Engineering, admitted Autumn 2016

Publications

PUBLICATIONS

- **Repairing Multiple Failures for Scalar MDS Codes**
Mardia, J., Bartan, B., Wootters, M.
IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC.2019: 2661–72
- **Discrete Linear Canonical Transform Based on Hyperdifferential Operators** *IEEE TRANSACTIONS ON SIGNAL PROCESSING*
Koc, A., Bartan, B., Ozaktas, H. M.
2019; 67 (9): 2237–48
- **CONVEX RELAXATIONS OF CONVOLUTIONAL NEURAL NETS**
Bartan, B., Pilanci, M., IEEE
IEEE.2019: 4928–32
- **Distributed Black-Box Optimization via Error Correcting Codes**
Bartan, B., Pilanci, M., IEEE
IEEE.2019: 246–52
- **Straggler Resilient Serverless Computing Based on Polar Codes**
Bartan, B., Pilanci, M., IEEE
IEEE.2019: 276–83
- **Sparse representation of two-and three-dimensional images with fractional Fourier, Hartley, linear canonical, and Haar wavelet transforms** *EXPERT SYSTEMS WITH APPLICATIONS*
Koc, A., Bartan, B., Gundogdu, E., Cukur, T., Ozaktas, H. M.
2017; 77: 247-255
- **Digital Computation of Fractional Fourier and Linear Canonical Transforms and Sparse Image Representation**
Koc, A., Ozaktas, H. M., Bartan, B., Gundogdu, E., Cukur, T., IEEE
IEEE.2017: 111–17
- **Repairing multiple failures for scalar MDS codes**
Bartan, B., Wootters, M., IEEE
IEEE.2017: 1145–52