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**1 Journal Articles**

- Comak, P.; Kim, J. L.; Ozbudak, F., *New cubic self-dual codes of length 54, 60 and 66*, *Applicable Algebra in Engineering Communication and Computing* 29(4), 303–312, 2018, DOI: 10.1007/s00200-017-0343-x
- Ali, S.; Cenk, M., *Faster Residue Multiplication Modulo 521-bit Mersenne Prime and an Application to ECC*, *IEEE Transactions on Circuits and Systems I-Regular Papers* 65(8), 2477–2490, 2018, DOI: 10.1109/TCSI.2018.2791285
- Mesnager, S.; Ozbudak, F.; Sinak, A., *On the  $p$ -ary (Cubic) Bent and Plateaued (Vectorial) Functions*, *Designs Codes and Cryptography* 86(8), 1865–1892, 2018, DOI: 10.1007/s10623-017-0427-4
- Yilmaz, B.; Selcuk–Kestel, A. S., *A Stochastic Approach to Model Housing Markets: The US Housing Market Case*, *Numerical Algebra, Control and Optimization* 8(4), 481–492, 2018. DOI:10.3934/naco.2018030

## 2 Books

- Vasant, P.; Zelinka, I.; Weber, G.–W., *Advances in Intelligent Systems and Computing*, at the occasion of ICO'2018, October 4-5, 2018, Pattaya, Thailand, in: *Advances in Intelligent Systems and Computing*, Springer, 2018, to appear.

## 3 Accepted Publications

- Yücel, H.; Stoll, M.; Benner, P., *Adaptive Discontinuous Galerkin Approximation of Optimal Control Problems Governed by Transient Convection–Diffusion Equations*, *Electronic Transactions on Numerical Analysis (ETNA)*, 2018.

## 4 Thesis

- Kamil Otal, *Constructions of Maximum Rank Distance Codes, Cyclic Constant Dimension Codes, and Subspace Packings*, PhD in Cryptography, Advisor: Ferruh Özbudak, August 16, 2018.
- Ozan Öztürk, *A Comparison of Constant and Stochastic Volatility in Merton's Portfolio Optimization Problem*, MSc in Financial Mathematics, Advisor: Ali Devin Sezer, August 27, 2018.

## 5 Conferences & Workshops

- *CIMPA Research School and Workshop: Quasi-Cyclic and Related Algebraic Codes*, August 27–September 7, 2018, METU, Ankara, Turkey, organized by Levent Aybak, Damla Çenesiz, Pınar Çomak, Cem Güneri, Murat Burhan İter, Kübra Kaytancı, Kamil Otal, Ferruh Özbudak, Funda Özdemir, Eda Tekin, Burcu Gülmez Temür, Hasan Bartu Yünüak