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1 Journal Articles

- Bakan, Hacer Öz; Yilmaz, Fikriye; Weber, Gerhard-Wilhelm, *Minimal Truncation Error Constants for Runge–Kutta Method for Stochastic Optimal Control Problems*, Journal of Computational and Applied Mathematics 331, 196–207, 2018, DOI: 10.1016/j.cam.2017.10.011
- Cenk, Murat; Zadeh, Farhad Haghghi; Hasan, M. Anwar, *New Efficient Algorithms for Multiplication Over Fields of Characteristic Three*, Journal of Signal Processing Systems for Signal Image and Video Technology 90(3), 285–294, 2018, DOI: 10.1007/s11265-017-1234-x
- Otal, Kamil; Özbudak, Ferruh, *Some New Non–Additive Maximum Rank Distance Codes, Finite Fields and Their Applications* 50, 293–303, 2018, DOI: 10.1016/j.ffa.2017.12.003
- Carlet, Claude; Guneri, Cem; Özbudak, Ferruh; Sole, Patrick, *A New Concatenated Type Construction for LCD Codes and Isometry Codes*, Discrete Mathematics 341(3), 830–835, 2018, DOI:10.1016/j.disc.2017.12.004
- Kuter, Semih; Akyurek, Zuhail; Weber, Gerhard-Wilhelm, *Retrieval of Fractional Snow Covered Area from MODIS Data by Multivariate Adaptive Regression Splines*, Remote Sensing of Environment 205, 236–252, 2018, DOI:10.1016/j.rse.2017.11.021

- Onak, Önder Nazım; Serinagaoglu–Dogrusoz, Yesim; Weber, Gerhard-Wilhelm, *Effects of A Priori Parameter Selection in Minimum Relative Entropy Method on Inverse Electrocardiography Problem*, *Inverse Problems in Science and Engineering* 26(6), 877–897, 2018, DOI:10.1080/17415977.2017.1369979
- Calik, Ahmet; Yapici–Pehlivan, Nimet; Paksoy, Turan; Weber, Gerhard-Wilhelm, *A Novel Interactive Fuzzy Programming Approach for Optimization of Allied Closed–Loop Supply Chains*, *International Journal of Computational Intelligence Systems* 11(1), 672–691, 2018.

2 Books

- Bayın, Selçuk, *Mathematical Methods in Science and Engineering*, 2nd Edition, Wiley 2018.

3 Accepted Publications

- Sezer, Ali Devin; Kruse, Thomas; Popier, Alexandre, *Backward Stochastic Differential Equations with Non–Markovian Singular Terminal Values*, *Stochastic and Dynamics*, 2018, DOI:10.1142/S0219493719500060
- Pervin, Magfure; Roy, Sankar Kumar; Weber, Gerhard-Wilhelm, *Multi–Item Deteriorating Two–Echelon Inventory Model with Price– and Stock–Dependent Demand: A Trade–Credit Policy*, *Journal of Industrial and Management Optimization*, 2018

4 Colloquia & Seminars

- *Estimating Hazard Rate Functions under Different Statistical Scenarios*, Barış Sürücü, Department of Statistic, Middle East Technical University, March 06, 2018.
- *The Multiplicative Complexity of 6-variable Boolean Functions*, Çağdaş Çalık, The National Institute of Standards and Technology (NIST), USA, March 20, 2018.
- *Blockchain and Privacy Coins*, Mehmet Sabır Kiraz, TUBITAK BILGEM, March 25, 2018.
- *Balanced Boolean Functions on Even Number of Variables with Excellent Autocorrelation Profile*, Selçuk Kavut, Department of Computer Engineering, Balıkesir University, March 27, 2018.
- *A Mini–Course on C/C++ Programming*, Hasan Bartu Yünüak, Cryptography, Institute of Applied Mathematics, March 5/8/12/19, 2018.