METU | INSTITUTE OF APPLIED MATHEMATICS

MONTHLY BULLETIN

OCTOBER 2018

Contents

1 Journal Articles

- Carlet, C.; Guneri, C.; Ozbudak, F.; Ozkaya, B.; Sole, P., *On Linear Complementary Pairs of Codes*, IEEE Transactions on Information Theory 64(10), 6583–6589, 2018, DOI: 10.1109/TIT.2018.2796125

2 Conference Proceedings (Refereed) Published

- Olgun, M. O.; Palancı, E.; Qasim, E.; Weber, G.-W.; Alparslan Gök, S. Z., *Grey Transportation Games*, IX Moscow International Conference on Operations Research (ORM2018), Moscow, October 22–27, 2018, Proceedings, Volume II, 436-439

- Palancı, O.; Olgun, M. O.; Weber, G.-W.; Alparslan Gök, S. Z., *Grey Baker–Thompson Rule*, IX Moscow International Conference on Operations Research (ORM2018), Moscow, October 22–27, 2018, Proceedings, Volume II, 439-440

- Ergun, S.; Usta, P; Alparslan Gök, S. Z.; Weber G.-W., *A Cooperative Game Theoretical Model on Emergency Logistics Planning after Natural Disasters*, IX Moscow International Conference on Operations Research (ORM2018), Moscow, October 22–27, 2018, Proceedings, Volume II, 440–442

3 Accepted Publications

- Elgindy, K.; Karasözen, B., *High-Order Integral Nodal Discontinuous Gegenbauer-Galerkin Method for Solving Viscous Burgers' Equation*, International Journal of Computer Mathematics, 2018.

- Akman, T.; Karasözen, B.; Uzunca, M., *Structure Preserving Reduced Order Modeling for Gradient Systems*, Applied Mathematics and Computation, 2018.

4 Thesis

- Oğuz Kalay, *Electricity Load and Price Forecasting of Turkish Electricity Markets*, MSc in Financial Mathematics, Advisor: Bülent Karasözen, October 30, 2018.

5 Conference Participation & Presentation

- **Yılmaz, B.**; Yerlikaya–Özkurt, F.; Selcuk-Kestel A. S., *Analyzing Housing Market Dynamics using Linear and non-Parametric Models*, 11th International Statistics Days Conference, October 03-07, 2018, Bodrum, Turkey.

- **Yıldırım Külekci, B.**; Selcuk-Kestel A. S.; Karabey, U., *Extreme Value Theory on Valuation of Actuarial Risks*, 11th International Statistics Days Conference, October 03-07, 2018, Bodrum, Turkey.

- **Evkaya O.**; Yozgatligil C.; Selcuk-Kestel A., *Understanding Drought with Copula Functions: Case Study for Konya Province*, 11th International Statistics Days Conference, October 03-07, 2018, Bodrum, Turkey.

- **Hamidli F.**; Özbudak, F., *On Alltop functions*, Sequences and Their Applications (SETA 2018), October 01-06, 2018, Hong Kong.

6 Colloquia & Seminars

- *Current Trends in Cryptology*, Erkay Savaş, Faculty of Engineering and Natural Science, Sabancı University, October 03, 2018.

- *Utilizing Inference in State–space Models with Multiple Paths from Conditional Sequential Monte Carlo*, Sinan Yıldırım, Faculty of Engineering and Natural Science, Sabancı University, October 11, 2018.

- *Algorithmic Trading*, Selim Temizer, Department of Computer Engineering, Middle East Technical University, October 30, 2018.

7 Conferences & Workshops

- *11th International Conference on Information Security and Cryptology*, October 17–18, 2018, Ankara, Turkey

- *BEYOND: Workshop on Computational Science and Engineering*, October 20–21, 2018, METU, Ankara, Turkey