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1 Journal Articles

- Shereme, V.; Gheshlaghia, N.; Sözen, M.; Elçi, M.; Sheremet, N.; Aydınlı, A.; Altuntaş, I.; Ding, K.; Avrutin, V.; Özgür, Ü.; Morkoç, H., *InGaN Stress Compensation Layers in InGaN/GaN Blue LEDs with Step Graded Electron Injectors*, Superlattices and Microstructures 116, 253–261, 2018, DOI: 10.1016/j.spmi.2018.02.002
- Boztaş, S.; Özbudak, F.; Tekin, E., *Explicit Full Correlation Distribution of Sequence Families Using Plateaued Functions*, IEEE Transactions on Information Theory 64(4), 2858–2875, 2018, DOI: 10.1109/TIT.2017.2789208
- Yıldızbaşı, A.; Çalık, A.; Paksoy, T.; Farahani, R.; Weber, G.–W., *Multi-level Optimization of an Automotive Closed-Loop Supply Chain Network with Interactive Fuzzy Programming Approaches*, Technological and Economic Development of Economy 24(3), 1004–1028, 2018, DOI:10.3846/20294913.2016.1253044

2 Editorial

- Weber, G.–W., *Fractal Approaches for Modeling Financial Assets and Predicting Crises*, IGI Global, 2018, ISBN-10:1522537678

3 Books

- Paksoy, T.; Weber, G.–W.; Huber, S., *Lean and Green Supply Chain Management: Optimization Models and Algorithms*, Springer, Springer Optimization and Its Applications series, to appear.

4 Accepted Publications

- Yolcu-Okur, Y.; Sayer, T.; Yılmaz, B.; İnkaya, B. A., *Computation of the Delta of European Options Under Stochastic Volatility Models*, Computational Management Science, 2018, DOI:10.1007/s10287-018-0316-y
- Yılmaz, B., *Computation of Option Greeks under Hybrid Stochastic Volatility Models via Malliavin Calculus*, Modern Stochastics: Theory and Applications, 2018, DOI: 10.15559/18-VMSTA100
- Lotfi, R.; Weber, G.–W.; Sajadifar, S. M.; Mardani, N., *Interdependent Demand in the Two-Period Newsvendor Problem*, to appear in Journal of Industrial and Management Optimization (JIMO), 2018.

5 Conference Participation & Presentation

- Onak, O. N.; Serinagaoglu–Dogrusoz, Y.; Weber, G.–W., *Effects of Measurement Noise in MARS-based Inverse ECG Solution Approach*, 26th IEEE Signal Processing and Communication Applications Conference (SIU 2018), May 2–5, 2018, Izmir, Turkey.
- Selçuk–Kestel, A. S., *The Utilization of Hidden Markov Processes for Prediction in Economics and Insurance*, 3rd International Conference on Applied and Natural Sciences, May 8–12, 2018, Antalya, Turkey.

6 Colloquia & Seminars

- *Colloidal Systems: A Word of Particles Suspending in a Media*, Simge Çınar, Department of Metallurgical and Materials Engineering, Middle East Technical University, May 08, 2018.
- *Computing Multiplicative Inverses in Extended Finite Field*, Anwar Hasan, Electrical and Computer Engineering, University of Waterloo, May 14, 2018.

- *Backstepping vs. Pseudo-backstepping*, Türker Özsarı, Department of Mathematics, Izmir Institute of Technology, May 15, 2018.
- *How do Machines Learn?*, Ferda Nur Alpaslan, Department of Computer Engineering, Middle East Technical University, May 22, 2018.