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1 Journal Articles

- B. Taştan and A. Hayfavi, *Modeling Temperature and Pricing Weather Derivatives Based on Temperature*, Advances in Meteorology, vol. 2017, Article ID 3913817, 14 pages, 2017, DOI:10.1155/2017/3913817.
- M. Pervin, S. K. Roy and G.-W. Weber, *A Two-Echelon Inventory Model with Stock-Dependent Demand and Variable Holding Cost for Deteriorating Items*, Numerical Algebra, Control and Optimization (NACO) 7(1), 21-50, 2017, DOI:10.3934/naco.2017002.

2 Accepted Publications

- E. Kropat, S. Meyer-Nieberg and G.-W. Weber, *A Comparison of Two Homogenization Principles for Target-Environment Networks and Systems on Periodic Graphs*, to appear in Dynamics of Continuous, Discrete and Impulsive Systems, Series B (DCDIS-B).
- B. Akteke-Öztürk, G. Köksal and G.-W. Weber, *Nonconvex Optimization of Desirability Functions*, to appear in Quality Engineering.
- E. Kürüm, G.-W. Weber and C. Iyigün, *Early Warning on Stock Market Bubbles via Methods of Optimization, Clustering and Inverse Problems*, to appear in Annals of Operations Research.

3 Colloquia & Seminars

- *A Statistical Approach in Turbine Heat Transfer*, Harika Kahveci, Department of Aerospace Engineering, METU, 7.3.2017.
- *A. N. Kolmogorov ve Olasılık Teorisine Katkıları*, Tahir Hanaliođlu (Khaniyev), TOBB Ekonomi ve Teknoloji Üniversitesi, METU SIAM Student Chapter Seminar Series, 28.3.2017.
- *Risk Averse Dynamic Programming for MDP's with Unbounded Cost and Infinite Horizon*, Kerem Uđurlu, Department of Applied Mathematics, University of Washington, 17.3.2017.