



Contents

1 Journal Articles	1
2 News & Popular Articles, Films, Videos	1
3 Accepted Publications	2
4 Colloquia & Seminars	2

1 Journal Articles

- A. Arik, Y. Yolcu-Okur, Ş. Şahin and Ö. Uğur, *Pricing Pension Buy-Outs under Stochastic Interest and Mortality rates*, Scandinavian Actuarial Journal, 2017, DOI:10.1080/03461238.2017.1328370.
- S. K. Roy, G. Maity, G.-W. Weber and S. Z. Alparslan-Gök, *Conic Scalarization Approach to Solve Multi-Choice Multi-Objective Transportation Problem with Interval Goal*, Annals of Operations Research 253(1), 599–620, 2017, DOI:10.1007/s10479-016-2283-4.
- S. Kannan, S. S. Ali, O. Nazarenko and G.-W. Weber, *Stochastic Processing Time Modelling in Manufacturing*, Pure and Applied Functional Analysis 2(2), 285–304, 2017.

2 News & Popular Articles, Films, Videos

- M. Baldemor and G.-W. Weber, Report of ICEST 2017–ICEST: a synergy for multi-disciplinary and OR-related research in Indonesia, EUROPT Newsletter 38, 13–14, 2017.

3 Accepted Publications

- B. Karasözen, M. Uzunca, A. Sarıaydın-Filibelioglu and H. Yücel, *Energy Stable Discontinuous Galerkin Finite Element Method For The Allen–Cahn Equation*, to appear in International Journal of Computational Methods.
- E. Kropat, S. Meyer-Nieberg and G.-W. Weber, *Bridging the Gap Between Variational Homogenization Results and Two–Scale Asymptotic Averaging Techniques on Periodic Network Structures—On a Rigorous Derivation of Non-Variational Macroscopic Models*, to appear in Numerical Algebra, Control and Optimization (NACO).
- P. Vasant, S. Z. Alparslan–Gök and G.-W. Weber, *Handbook of Research on Emergent Applications of Optimization Algorithms*, Volume I, IGI Global, Hershey PA, USA.
- P. Vasant, S. Z. Alparslan–Gök and G.-W. Weber, *Handbook of Research on Emergent Applications of Optimization Algorithms*, Volume II, IGI Global, Hershey PA, USA.
- P. Vasant, S. Z. Alparslan–Gök and G.-W. Weber, *Prefaces*, in Handbook of Research on Emergent Applications of Optimization Algorithms, Volumes I-II, IGI Global, Hershey PA, USA.
- G.-W. Weber, *Foreword in Innovative Computing, Optimization and Its Applications—Modelling and Simulations*, Studies in Computational Intelligence Book Series, Springer Verlag, at the occasion of Computer Science and Engineering (COMPSE 2016), November 11-12, 2016, Penang, Malaysia.
- A. Karimov, *Identifying Stock Market Bubbles: Modeling Illiquidity Premium and Bid–Ask Prices of Financial Securities*, to appear in Contributions to Management Science, Springer-Verlag.

4 Colloquia & Seminars

- *Reliability and Mean Residual Life Functions of Coherent Systems in an Active Redundancy*, Konul Bayramoğlu Kavlak, Department of Actuarial Sciences, Hacettepe University, 2.05.2017.
- *Tensor Decompositions in Machine Learning*, Ali Taylan Cemgil, Department of Computer Engineering, Boğaziçi University, 09.05.2017.
- *Secure Data Outsourcing*, Alptekin Küpçü, Department of Computer Engineering Koç University, 16.05.2017.
- *Generalization of Leave–One–Out Cross–validation Formula for Linear Statistical Models*, Savaş Dayanık, Industrial Engineering Department, Bilkent University, 23.05.2017.
- *Recent Advances in Precedence-Type Test and Applications*, Ng Hon Keung Ton, Department of Statistical Science, Southern Methodist University, Dallas, Texas, USA, 30.05.2017.

- *Modern Methods for Data Mining Review*, Nataliia Kuznietsova, NTUU "KPI" (Kyiv, Ukraine), Erasmus Visitor
 - *Introduction to Data mining and Bayesian Networks for Solving Data Mining Tasks*, 27.04.2017,
 - *Decision Trees for Data Mining*, 03.05.2017,
 - *GeNIe as an Instrument for Building and Using Bayesian Networks*, 03.05.2017,
 - *Logistic Regression as a Method for Risk Management*, 10.05.2017,
 - *Credit Scoring*, 10.05.2017,
 - *Scoring Cards Development with SAS Enterprise Miner*, 11.05.2017.