

IK-Publications: Stand 19/01/2015

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- P. Duetting, M. Henzinger and **M. Starnberger**: Auctions with heterogeneous items and budget limits, Internet and Network Economics, 44—57, 2012, Springer, 8th Workshop on Internet & Network Economics (WINE 2012)
- R. Colini-Baldeschi, M. Henzinger, S. Leonardi, and **M. Starnberger**: On multiple keyword sponsored search auctions with budgets. Automata, Languages, and Programming, 1—12, 2012, Springer, 39th International Colloquium on Automata, Languages and Programming (ICALP 2012) [appeared also at 8th Workshop on Ad Auctions (AAW 2012)]
- P. Duetting, M. Henzinger and **M. Starnberger**: Valuation Compressions in VCG-Based Combinatorial Auctions, 9th Conference on Web and Internet Economics (WINE 2013) December 11-14, 2013, Harvard University, Cambridge, MA, USA (forthcoming)
- **M. Ahookhosh**, H. Esmaili and M. Kimiaei: An effective trust-region-based approach for symmetric nonlinear systems, International Journal of Computer Mathematics 90 (3), 671-690 (2012)
- **M. Ahookhosh**, K. Amini and S. Bahrami: Two derivative-free projection approaches for systems of large-scale nonlinear monotone equations, Numerical Algorithms, 1-22 (2012) (Published online)
- **M. Ahookhosh**, K. Amini and H. Nosratipour: An inexact line search approach using modified nonmonotone strategy for unconstrained optimization, Numerical Algorithms (2013) (Published online)
- K. Amini, **M. Ahookhosh**: A hybrid of adjustable trust-region and nonmonotone algorithms for unconstrained optimization, Applied Mathematical Modelling (submitted 2011)
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- **B. Analui**, R. Kovacevic: Medium Term Hydroelectric Production Planning- A Multistage Stochastic Optimization Model. Civil Eng. and Infrastructure Journal (CEIJ), submitted Nov. 2012, Accepted May 2013.
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- M. Leitner, I. Ljubic, **M. Sinnl** and A. Werner: On the Two-Architecture Connected Facility Location Problem, Electronic Notes in Discrete Mathematics (2013), Volume 41C, 359-366
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- K. Chatterjee, M. Henzinger, **S. Krinninger** and D. Nanongkai: Polynomial-Time Algorithms for Energy Games with Special Weight Structures. ESA 2012: 301-312 Invited to ESA 2012 special issue of Algorithmica
- M. Henzinger, **S. Krinninger** and D. Nanongkai: Sublinear-Time Maintenance of Breadth-First Spanning Tree in Partially Dynamic Networks. ICALP 2013: 607-619
- M. Henzinger, **S. Krinninger** and D. Nanongkai: Dynamic Approximate All-Pairs Shortest Paths: Breaking the $O(mn)$ Barrier and Derandomization. FOCS 2013: to appear Invited to FOCS 2013 special issue of SIAM Journal on Computing
- M. Henzinger, **S. Krinninger** and D. Nanongkai: A Subquadratic-Time Algorithm for Dynamic Single-Source Shortest Paths. SODA 2014: to appear
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- A. Neumaier, H. Fendl, **H. Schilly**, VXQR: derivative-free unconstrained optimization based on QR factorization
- **B. Analui**, G. Pflug. On distributionally robust multiperiod stochastic optimization. Comput Manag Sci DOI 10.1007/s10287-014-0213-y
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