List of Publications: Thomas M. Surowiec

Preprints
M. Hintermüller and T. Surowiec, *A Nonsmooth Approach for the Optimal Control of Variational Inequalities of the Second Kind: Optimality Conditions and Bundle-Free Implicit Programming Methods*, in preparation.

M. Hintermüller, T. Surowiec, and A. Kämmler *Generalized Nash Equilibrium Problems in Banach Spaces: Theory, Nikaido-Isoda-Based Path-Following Methods, and Applications*, submitted.

D.P. Kouri and T. Surowiec *Risk-Averse PDE-Constrained Optimization Using the Conditional Value-At-Risk*, submitted.

M. Hintermüller and T. Surowiec, *A Bundle-Free Implicit Programming Approach for a Class of MPECs in Function Space*, submitted.

Publications
M. Hintermüller, B.S. Mordukhovich, and T. Surowiec, *Several Approaches for the Derivation of Stationarity Conditions for Elliptic MPECs with Upper-Level Control Constraints*, Math. Prog. Ser. A., 146(1-2) (2014), 555-582.

M. Hintermüller and T. Surowiec, *A PDE-constrained Generalized Nash Equilibrium Problem with Pointwise Control and State Constraints*, Pac. J. Opt., 9(2), (2013) 251-273

R. Henrion, J.V. Outrata, and T. Surowiec, *On Regular Coderivatives in Parametric Equilibria with Non-Unique Multipliers*, Math. Prog. Ser. B., 136(1) (2012), 111-131.

R. Henrion, J.V. Outrata, and T. Surowiec, *Analysis of M-stationary points to an EPEC modeling Oligopolistic Competition in an Electricity Spot Market*, ESAIM: COCV 18 (2012) 295-317

M. Hintermüller and T. Surowiec, *First Order Optimality Conditions for Elliptic Mathematical Programs with Equilibrium Constraints via Variational Analysis*, SIAM J. Optim., 21(4), (2011) 15611593.

R. Henrion and T. Surowiec, *On Calmness Conditions in Convex Bilevel Programming*, Applicable Analysis, 90 (2011) 951-970.

R. Henrion, J.V. Outrata, and T. Surowiec, *A Note on the Relation between Strong and M-stationarity for a Class of Mathematical Programs with Equilibrium Constraints*, Kybernetika, 46 (2010) 423-434.

R. Henrion, J.V. Outrata, and T. Surowiec, *On the Co-Derivative of Normal Cone Mappings to Inequality Systems*, to appear in: Nonlinear Analysis: Theory, Methods & Applications (2008).

D. Bauer, E. Schmeichel, and T. Surowiec, *Subdivision of Edges and Matching Size*, Ars Combinatoria, 84 (2007) 141 - 153.

D. Bauer, H. J. Broersma, N. Kahl, A. Morgana, E. Schmeichel and T. Surowiec, *Tutte sets in graphs II: The complexity of finding Maximum Tutte sets*, Discrete Applied Math., 155 (2007) 1336 - 1343.