

## PUBLICATION LIST: R. T. ROCKAFELLAR

January 2018

254. “Reaching equilibrium by bilateral trades based on marginal utility,” preprint 2019. (by A. Jofré and R. T. Rockafellar).
253. “Variational second-order sufficiency, generalized augmented Lagrangians and local duality in optimization,” in preparation (by R. T. Rockafellar).
252. “Progressive decoupling of linkages in optimization and variational inequalities with elicitable convexity or monotonicity,” Set-valued and Variational Analysis, accepted. (by R. T. Rockafellar).
251. “Variational convexity and the local monotonicity of subgradient mappings,” Vietnam Journal of Mathematics (issue in honor of A.D. Ioffe’s 80th birthday), accepted. (by R. T. Rockafellar).
250. “Risk and utility in the duality framework of convex analysis,” to appear in *From Analysis to Visualization: A celebration of the Life and Legacy of Jonathan M. Borwein*, Springer Proceedings in Mathematics and Statistics (by R. T. Rockafellar).
249. “Minimizing buffered probability of exceedance by progressive hedging,” submitted to Math. Programming B in 2018 (by R. T. Rockafellar and S. Uryasev).
248. “Solving Lagrangian variational inequalities with applications to stochastic programming,” submitted to Math. Programming B in 2018 (by R. T. Rockafellar and J. Sun).
247. “Progressive decoupling of linkages in monotone variational inequalities,” *Proceedings of the 10th International Conference on Nonlinear Analysis and Convex Analysis* (Chitose, Hokkaido, Japan, 2017), accepted (by R. T. Rockafellar).
246. “On the stability and evolution of economic equilibrium,” *Economic Theory*, submitted in 2017 (by A. Jofré, R. T. Rockafellar and R. J-B Wets).
245. “Radius theorems for monotone mappings,” Set-valued and Variational Analysis, accepted (by A. D. Dontchev, A. Eberhard and R. T. Rockafellar).
244. “Variational analysis of Nash equilibrium,” *Vietnam Journal of Mathematics* 46 (2017), 73–85 (by R. T. Rockafellar).
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242. “Solving monotone stochastic variational inequalities and complementarity problems by progressive hedging,” *Mathematical Programming B*, accepted 2017 (by R. T. Rockafellar and J. Sun).
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239. “Convexity and reliability in engineering optimization,” *Proceedings of the 9th International Conference on Nonlinear Analysis and Convex Analysis* (Chiang Rai, Thailand, 2015), 1–10 (by R. T. Rockafellar).
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237. “Importance sampling in the evaluation and optimization of buffered probability of failure,” *Proc. 12th International Conference on Applications of Statistics and Probability in Civil Engineering (ICASP)*, Vancouver (2015), DOI=<http://dx.doi.org/10.14288/1.0076214> (by M. M. Harajli, R. T. Rockafellar and J. O. Royset).
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235. “Risk measures in engineering design under uncertainty,” *Proc. 12th International Conference on Applications of Statistics and Probability in Civil Engineering (ICASP)*, Vancouver (2015), DOI=<http://dx.doi.org/10.14288/1.0076214> (by R. T. Rockafellar and J. O. Royset).

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