

# Optimization of Convex Risk Functions

Andrzej Ruszczyński

Rutgers University, Department of Management Science and Information Systems, Piscataway, NJ 08854, USA  
email: rusz@business.rutgers.edu <http://www.rusz.rutgers.edu>

Alexander Shapiro

School of Industrial and Systems Engineering, Georgia Institute of Technology, Atlanta, Georgia 30332, USA  
email: ashapiro@isye.gatech.edu [http://www2.isye.gatech.edu/people/faculty/Alex\\_Shapiro/](http://www2.isye.gatech.edu/people/faculty/Alex_Shapiro/)

We consider optimization problems involving convex risk functions. By employing techniques of convex analysis and optimization theory in vector spaces of measurable functions we develop new representation theorems for risk models, and optimality and duality theory for problems with convex risk functions.

*Key words:* Convex analysis; Stochastic optimization; Risk measures; Duality

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