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SEMINAR

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Risk-Averse Stochastic Optimization

After a brief introduction to classical risk-averse stochastic optimization methods we introduce the Coherent Measures of Risk and its main properties. Following this we develop a novel multistage risk-averse model utilizing coherent measures of risk and show specialized methods for obtaining an optimal solution. We also show a new approach to risk-averse approximate dynamic programming its applications to a problem on energy markets.

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