

# Risk Assessment and Optimal Behavior

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**Abstract.** Both introductory parts can be used as a basis for an holistic risk assessment and crisis management. We concentrate on a practical problem (complex threat analysis on graphs, interdiction games, strategic planning, system dynamics under uncertainty, complex network analysis). Within an interactive seminar atmosphere we develop together a success story in the context of simulation based optimization. An outlook to modern Business Intelligence (BI) systems in the context of modern Decision Science Intelligence (DSI) will be presented.