Risk and Portfolio Analysis (Springer Series in Operations Research and Financial Engineering)

Henrik Hult, Filip Lindskog, Ola Hammarlid, Carl Johan Rehn
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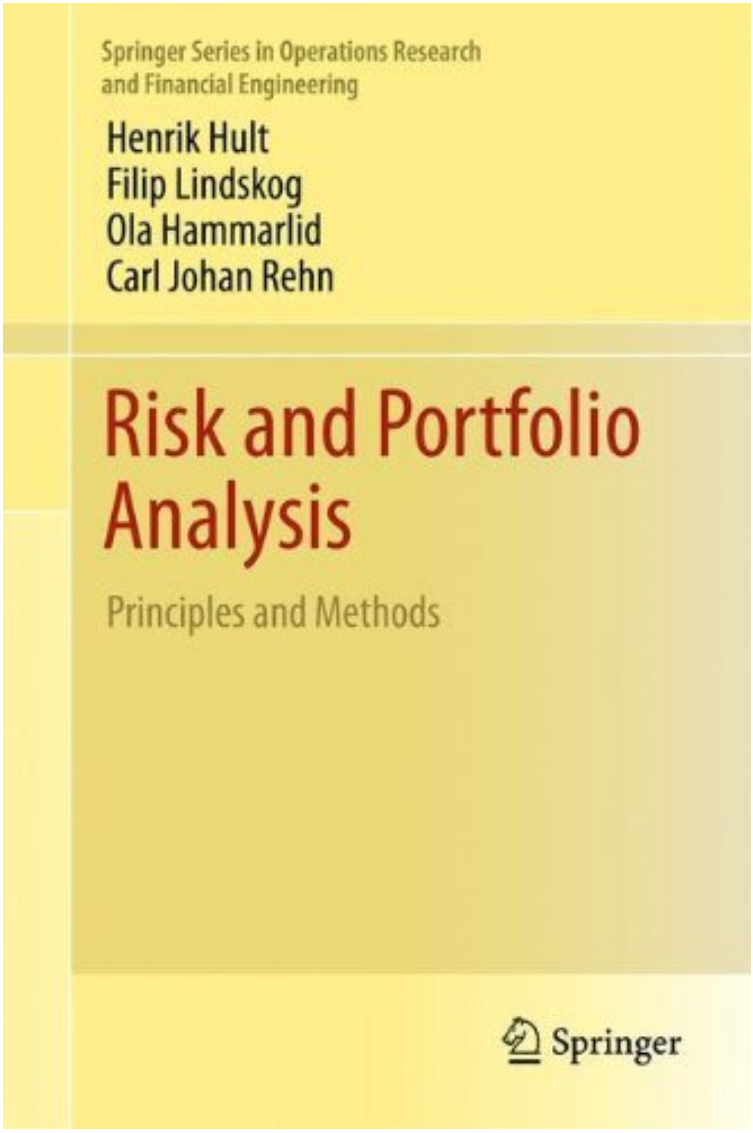

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Henrik Hult, Filip Lindskog, Ola Hammarlid, Carl Johan Rehn : Risk and Portfolio Analysis (Springer Series in Operations Research and Financial Engineering) before purchasing it in order to gage whether or not it would be worth my time, and all praised Risk and Portfolio Analysis (Springer Series in Operations Research and Financial Engineering):

Investment and risk management problems are fundamental problems fornbsp; financial institutions and involve both speculative and hedging decisions. A structured approach to these problems naturally leads one to the field of applied mathematics in order to translate subjective probability beliefs and attitudes towards risk and reward into actual decisions.nbsp;In Risk and Portfolio Analysis the authors present sound principles and useful methods for making investment and risk management decisions in the presence of hedgeable and non-hedgeable risks using the simplest possible principles, methods, and models that still capture the essential features of the real-world problems. They use rigorous, yet elementary mathematics, avoiding technically advanced approaches which have no clear methodological purpose and are practically irrelevant. The material progresses systematically and topics such as the pricing and hedging of derivative contracts, investment and hedging principles from portfolio theory, and risk measurement and multivariate models from risk management are covered appropriately. The theory is combined with numerous real-world examples that illustrate how the principles, methods, and models can be combined to approach concrete problems and to draw useful conclusions. Exercises are included at the end of the chapters to help reinforce the text and provide insight.nbsp;This book will serve advanced undergraduate and graduate students, and practitioners in insurance, finance as well as regulators. Prerequisites include undergraduate level courses in linear algebra, analysis, statistics and probability.

ldquo;This book presents sound principles and useful methods for making investment and risk management decisions using standard principles, methods, and models. hellip; The material of this book is based on university lecture notes; as such the organization and structure of the material presented will well serve advanced undergraduate and graduate students. This book will also be beneficial to practitioners in insurance and finance, as well as to regulators.rdquo; (Blessing Mudavanhu, SIAM , Vol. 57 (3), September, 2015)From the Back CoverInvestment and risk management problems are fundamental problems fornbsp; financial institutions and involve both speculative and hedging decisions. A structured approach to these problems naturally leads one to the field of applied mathematics in order to translate subjective probability beliefs and attitudes towards risk and reward into actual decisions.nbsp;In Risk and Portfolio Analysis the authors present sound principles and useful methods for making investment and risk management decisions in the presence of hedgeable and non-hedgeable risks using the simplest possible principles, methods, and models that still capture the essential features of the real-world problems. They use rigorous, yet elementary mathematics, avoiding technically advanced approaches which have no clear methodological purpose and are practically irrelevant. The material progresses systematically and topics such as the pricing and hedging of derivative contracts, investment and hedging principles from portfolio theory, and risk measurement and multivariate models from risk management are covered appropriately. The theory is combined with numerous real-world examples that illustrate how the principles, methods, and models can be combined to approach concrete problems and to draw useful conclusions. Exercises are included at the end of the chapters to help reinforce the text and provide insight.nbsp;This book will serve advanced undergraduate and graduate students, and practitioners in insurance, finance as well as regulators. Prerequisites include undergraduate level courses in linear algebra, analysis, statistics and probability.nbsp;nbsp;About the AuthorHenrik Hult is an associate professor at KTH Royal Institute of Technology in Stockholm, Sweden. Filip Lindskog is an associate professor at KTH Royal Institute of Technology in Stockholm, Sweden. Ola Hammarlid, PhD, is the Head of Quantitative Research at E. Ouml;hman J:or Capital AB in Stockholm, Sweden. Carl Johan Rehn, PhD, is in Quantitative Research at E. Ouml;hman J:or Capital AB in Stockholm, Sweden.