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Nota di contenuto	Vol_I; ENCYCLOPEDIA OF FINANCIAL MODELS; About the Editor; Contents; Contributors; Preface; Guide to the Encyclopedia of Financial Models; Asset Allocation; Mean-Variance Model for Portfolio Selection; SOME BASIC CONCEPTS; Utility Function and Indifference Curves; The Set of Efficient Portfolios and the Optimal Portfolio; Risky Assets vs. Risk-Free Assets; MEASURING A PORTFOLIO'S EXPECTED RETURN; Measuring Single-Period Portfolio Return; The Expected Return of a Portfolio of Risky Assets; MEASURING PORTFOLIO RISK; Variance and Standard Deviation as a Measure of Risk; Covariance Measuring the Risk of a Portfolio Consisting of More than Two Assets PORTFOLIO DIVERSIFICATION; The Effect of the Correlation of Asset Returns on Portfolio Risk; CHOOSING A PORTFOLIO OF RISKY ASSETS; Constructing Efficient Portfolios; Feasible and Efficient Portfolios; Choosing the Optimal Portfolio in the Efficient Set; Example Using the MSCI World Country Indexes; ROBUST PORTFOLIO OPTIMIZATION; KEY POINTS; NOTES; REFERENCES; Principles of Optimization for Portfolio

Selection; UNCONSTRAINED OPTIMIZATION; Minima and Maxima of a Differentiable Function; Convex Functions; Quasi-Convex Functions CONSTRAINED OPTIMIZATION Lagrange Multipliers; Convex Programming; Linear Programming; Quadratic Programming; KEY POINTS; REFERENCES; Asset Allocation and Portfolio Construction Techniques in Designing the Performance-Seeking Portfolio; THE TANGENCY PORTFOLIO AS THE RATIONALE BEHIND SHARPE RATIO MAXIMIZATION; ROBUST ESTIMATORS FOR COVARIANCE PARAMETERS; ROBUST ESTIMATORS FOR EXPECTED RETURNS; IMPLICATIONS FOR BENCHMARK PORTFOLIO CONSTRUCTION; ASSET ALLOCATION MODELING: PUTTING THE EFFICIENT BUILDING BLOCKS TOGETHER; KEY POINTS; NOTES; REFERENCES; Asset Pricing Models
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Sommario/riassunto

An essential reference dedicated to a wide array of financial models, issues in financial modeling, and mathematical and statistical tools for financial modeling The need for serious coverage of financial modeling has never been greater, especially with the size, diversity, and efficiency of modern capital markets. With this in mind, the Encyclopedia of Financial Models, 3 Volume Set has been created to help a broad spectrum of individuals-ranging from finance professionals to academics and students-understand financial modeling and make use of the various models currently avai