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Autore	Cortez Annetta
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Nota di contenuto	Winning at Risk: Strategies to Go Beyond Basel; Contents; Foreword; Preface; Acknowledgments; Introduction; SEARCHING FOR A SOLUTION; WHY MANAGE RISK?; WHY IS RISK MANAGEMENT DIFFICULT TO IMPLEMENT?; 1 What is Risk?; THE BUSINESS OF RISK; DEFINING RISK: LOSS, UNCERTAINTY, AND HORIZON; MORE WAYS TO THINK ABOUT RISK; TAXONOMY OF RISKS; RISK AND REWARD: MODERN PORTFOLIO THEORY; 2 Risk Management Principles; WORDS TO LIVE BY; KNOW YOUR RISKS; ARTICULATE YOUR RISK APPETITE; DEVELOP A WELL-DEFINED RISK CULTURE; USE A COMMON LANGUAGE; DEVELOP CAPABILITIES AND APPROACHES IN LINE WITH THE SIZE, COMPLEXITY, AND CULTURE OF YOUR ORGANIZATION MAKE IT TRANSPARENT AND COMPREHENSIVE; CONSTRUCT CLEAR LIMITS AND CONTROLS; ALIGN PERFORMANCE AND INCENTIVES TO RISK AND REWARD; DEVELOP COMPREHENSIVE FORECASTING, STRESS TESTING, AND CHALLENGE PROCESSES; PROVIDE ACTIVE LEADERSHIP AND DIRECTION; CONSTRUCT STRONG GOVERNANCE AND OVERSIGHT; MAKE CONTINUOUS IMPROVEMENTS; 3 Building the Risk-Management Framework; ALL THE RIGHT ELEMENTS; YOUR RISK MANAGEMENT

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YOUR DATA AND SYSTEMS 4 Measuring Risk and Capital; WHY MEASURE RISK?; LAYING OUT THE FUNDAMENTALS, FROM THE TOP DOWN; PROBABILITY, EXPOSURE, AND SEVERITY; PROBABILITY DISTRIBUTIONS; EXPECTED LOSS; UNEXPECTED LOSS AND VALUE AT RISK; ECONOMIC CAPITAL; THE ROLE OF DATA AND ASSUMPTIONS; MANAGING ACROSS THE ECONOMIC CYCLE; STRESS TESTING; VALIDATION OF MODELS; MODELING CREDIT RISK; MODELING MARKET RISK; MODELING OPERATIONAL RISK; JUMP DIFFUSION AND EXTREME VALUE THEORY; 5 Managing Trade-Offs Between Risk and Reward; THE CEO CHALLENGE; PERFORMANCE MEASURES-THE BASICS
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Sommario/riassunto

"Practical risk and capital management strategies for financial service executives and high level managers Risk and Capital Management is a primer for senior executives and directors struggling to interpret the growing demands and implications in this field. It includes valuable perspectives on how to address key issues that are pressing in the boardroom. It is the first book to lay out the basic frameworks of risk management, how to navigate new regulation, how to build a sound risk management capability, and how to translate that capability into strategic success. A must-have management aid and reference tool for the financial services professional Expert coverage of measuring risk, managing risk, integrating risk management into business, and leveraging business excellence through risk Written by a respected thought leader in risk management Providing CEOs and financial executives with the basic building blocks and concepts of risk management, this essential book simplifies risk management requirements for board and executive level professionals"--

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Autore	Sattler Klaus
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Nota di contenuto	Thermal Separation Processes; Contents; 4.1.2 Processes and Examples; Frequently Used Nomenclature; 1 Basic Concepts; 1.1 Principles of Thermal Separation Processes; 1.2 Thermal Separation Process Modes; 1.3 Mass Balance, Energy Balance, Exergy Balance; 1.3.1 Mass, Energy and Heat Balances; 1.3.2 Exergy Balance; 1.3.3 Calculation of Balance Equations; 1.4 Phase Equilibria; 1.4.1 Basic Concepts; 1.4.1.1 General Differential Equation for the Equilibrium Between Two Phases; 1.4.1.2 The Gibbs Phase Rule; 1.4.2 Liquid-Liquid Equilibrium; 1.4.2.1 The Nernst Distribution Law 1.4.2.2 Representation of Liquid-Liquid Phase Equilibrium 1.4.3 Vapor-Liquid Equilibrium; 1.4.3.1 One Component Systems; 1.4.3.2 Two and Multicomponent Systems; 1.4.3.3 Henry's Law, Gas Solubility; 1.4.3.4 Boiling Equilibrium of a Solid Solution, Decrease of Vapor Pressure and Increase of Boiling Point; 1.4.4 Gas-Solid Phase Equilibrium; 1.4.4.1 Gas-Solid Phase Equilibrium, Sublimation; 1.4.4.2 Gas-Solid Phase Equilibrium with Adsorption/Desorption and Convective Solid Drying (Adsorption Equilibrium); 1.4.5 Liquid-Solid Phase Equilibrium; 1.4.5.1 Solubility of Solids in Liquid Solvents

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2.5 Countercurrent Distillation (Rectification)

Sommario/riassunto

This much-needed book presents a clear and very practice-oriented overview of thermal separation processes. An extensive introduction elucidates the physical and physicochemical fundamentals of different unit operations used to separate homogenous mixtures. This is followed by a concise text with numerous explanatory figures and tables referring to process and design, flowsheets, basic engineering and examples of separation process applications. Very helpful guidance in the form of process descriptions, calculation models and operation data is presented in an easy-to-understand manner
