### TABLE OF CONTENTS

Contributors to the Conference vii

### INTRODUCTION BY MARSHALL SARNAT

### II. RISK MANAGEMENT IN BANKING: AN OVERVIEW

- 1. Bank Risk Mangement: Theory 5 DAVID H. PYLE
- 2. Risk Management in Banking: Practice Reviewed and Questioned 15

#### III. MANAGING MARKET AND CREDIT RISKS

- Introduction to VaR (Value-at-Risk) 47
   ZVI WIENER
- A Comparison between the BIS Standardized Approach and the Internal Models Approach 65
   MICHEL CROUHY, DAN GALAI, AND ROBERT MARK
- Evaluating Credit Risk: An Option Pricing Approach 99
   MICHEL CROUHY, DAN GALAI, AND ROBERT MARK
- Non-Linear Value-at-Risk 115
   MARK BRITTEN-JONES AND STEPHEN M. SCHAEFER

# IV. MARKET RISKS: THE 1996 MASEL ACCORD

- 7. A Critique of the Basel Regulations, or How to Enhance (Im) Moral Hazards 147
- 8. The Implementation in the UK of the Basel Accord Regarding Market Risk 159 CLIFFORD SMOUT

# V. PROBLEMS IN FINANCIAL REGULATION

- Recent US Experience in Regulating Financial Risk 169 JOHN G. HEIMANN
- 10. A Recent Case History of International Bank Fraud 175 BRIAN SMOUHA

# VI. MANAGING MARKET RISKS: THE CASE OF ISRAEL

- 11. Market Risks—The Amendment to the Basle Capital Accord and Internal Model Approach: The Israeli Case 187

  YORAM LANDSKRONER, DAVID RUTHENBERG, AND DAVID ZAKEN
- 12. Risk Management with Derivatives Traded at the Tel Aviv Stock Exchange 203
  YAIR E. ORGLER 203