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*Acknowledgements*

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*An introduction by the editors to all three volumes appears in Volume I*

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1. Richard Roll (1977), 'An Analytic Valuation Formula for Unprotected American Call Options on Stocks with Known Dividends', *Journal of Financial Economics*, **5** (2), November, 251–8 3
2. Robert Geske and H.E. Johnson (1984), 'The American Put Option Valued Analytically', *Journal of Finance*, **XXXIX** (5), December, 1511–24 11
3. Giovanni Barone-Adesi and Robert F. Whaley (1987), 'Efficient Analytic Approximation of American Option Values', *Journal of Finance*, **XLII** (2), June, 301–20 25
4. A. Bensoussan (1984), 'On the Theory of Option Pricing', *Acta Applicandae Mathematicae*, **2** (1), March, 139–58 45

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5. Michael J. Brennan and Eduardo S. Schwartz (1978), 'Finite Difference Methods and Jump Processes Arising in the Pricing of Contingent Claims: A Synthesis', *Journal of Financial and Quantitative Analysis*, **13**, September, 461–74 67
6. Sanjiv Ranjan Das (1997), 'Discrete-Time Bond and Option Pricing for Jump-Diffusion Processes', *Review of Derivatives Research*, **1** (3), 211–43 81
7. Phelim P. Boyle (1977), 'Options: A Monte Carlo Approach', *Journal of Financial Economics*, **4** (3), May, 323–38 114
8. Phelim Boyle, Mark Broadie and Paul Glasserman (1997), 'Monte Carlo Methods for Security Pricing', *Journal of Economic Dynamics and Control*, **21**, 1267–321 130
9. Phelim P. Boyle (1988), 'A Lattice Framework for Option Pricing with Two State Variables', *Journal of Financial and Quantitative Analysis*, **23** (1), March, 1–12 185
10. Mark Broadie and Paul Glasserman (1997), 'Pricing American-Style Securities Using Simulation', *Journal of Economic Dynamics and Control*, **21**, 1323–52 197

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11. Phelim P. Boyle and David Emanuel (1980), 'Discretely Adjusted Option Hedges', *Journal of Financial Economics*, **8** (3), September, 259–82 229
12. Stephen Figlewski (1989), 'Options Arbitrage in Imperfect Markets', *Journal of Finance*, **XLIV** (5), December, 1289–311 253
13. Hayne E. Leland (1985), 'Option Pricing and Replication with Transactions Costs', *Journal of Finance*, **XL** (5), December, 1283–301 276
14. Bernard Bensaid, Jean-Philippe Lesne, Henri Pagès and José Scheinkman (1992), 'Derivative Asset Pricing with Transaction Costs', *Mathematical Finance*, **2** (2), April, 63–86 295
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16. George M. Constantinides and Thaleia Zariphopoulou (1999), 'Bounds on Prices of Contingent Claims in an Intertemporal Economy with Proportional Transaction Costs and General Preferences', *Finance and Stochastics*, **3** (3), May, 345–69 343
17. Sanford J. Grossman (1988), 'An Analysis of the Implications for Stock and Futures Price Volatility of Program Trading and Dynamic Hedging Strategies', *Journal of Business*, **61** (3), July, 275–98 368

**PART IV CREDIT RISK**

18. Francis A. Longstaff and Eduardo S. Schwartz (1995), 'A Simple Approach to Valuing Risky Fixed and Floating Rate Debt', *Journal of Finance*, **L** (3), July, 789–819 395
19. Robert A. Jarrow and Stuart M. Turnbull (1995), 'Pricing Derivatives on Financial Securities Subject to Credit Risk', *Journal of Finance*, **L** (1), March, 53–85 426
20. Darrell Duffie and Kenneth J. Singleton (1997), 'An Econometric Model of the Term Structure of Interest-Rate Swap Yields', *Journal of Finance*, **LII** (4), September, 1287–321 459

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21. Darrell Duffie and Jun Pan (1997), 'An Overview of Value at Risk', *Journal of Derivatives*, **4** (3), Spring, 7–49 497
22. Philippe Artzner, Freddy Delbaen, Jean-Marc Eber and David Heath (1999), 'Coherent Measures of Risk', *Mathematical Finance*, **9** (3), July, 203–28 540