

References

- Ackerman, C., R. McNally and D. Ravenscraft (1999), "The performance of hedge funds: risk, return and incentive," *Journal of Finance* 54: 833-74.
- Adams, C.F. and H. Adams (1871), *Chapters of Erie and Other Essays*, Boston: James Osgood.
- Akhigbe, A. and J. Madura (2001), "Motivation and performance of seasoned offerings by closed-end funds," *Financial Review* 36: 101-23.
- Alexander, G., W. Sharpe and J. Bailey (1993), *Fundamentals of Investments*, 2nd edn, Englewood Cliffs, NJ: Prentice-Hall.
- Allais, M. (1953), "Le Comportement de l'homme rationnel devant le risque, Critique des postulats de l'école Américaine," *Econometrica* 21: 503-46.
- Alter, G. and J. Riley (1986), "How to bet on lives: a guide to life contingency contracts in early Modern Europe," in P. Uselding (ed.), *Research in Economic History* 10: 1-53.
- Altman, E. and G. Bana (2003), "Defaults and returns on high yield bonds: the year 2002 in review," NYU Working Paper (<http://pages.stern.nyu.edu/~ealtman/Q3-2003.pdf>).
- Altman, E. and V. Kishore (1998), "Defaults and returns on high yield bonds," in F. Fabozzi (ed.), *The Handbook of Corporate Debt Instruments*, New Hope, PA: Frank Fabozzi Associates.
- Ammann, M. and H. Zimmermann (2001), "Tracking error and tactical asset allocation," *Financial Analysts Journal* (March/April): 32-43.
- Anari, A. and J. Kolari (2001), "Stock prices and inflation," *Journal of Financial Research* 24: 587-602.
- Anderson, R. (1955), "Unrealized potentials in growth stocks," *Harvard Business Review* (March/April), 5-67.
- Appel, G. (1974), *Winning Market Systems: 83 Ways to Beat the Market*, Great Neck, NY: Signalalert.
- Appel, G. and M. Zweig (1976), *New Directions in Technical Analysis*, Great Neck, NY: Signalalert.
- Arnold, L. (1974), *Stochastic Differential Equations*, New York: Wiley.
- Arnott, R. (1998), "Active asset allocation," chapter 7 in Bernstein and Damodaran (eds).
- Arzac, E. (1974), "Utility analysis of chance-constrained portfolio selection," *Journal of Financial and Quantitative Analysis* 8: 993-1007.
- Arzac, E. and V. Bawa (1977), "Portfolio choice and equilibrium in capital markets with safety-first investors," *Journal of Financial Economics* 4: 277-88.
- Asquith, P. (1995), "Convertible bonds are not called late," *Journal of Finance* 50: 1275-89.
- Asquith, P., D. Williams and E. Wolff (1989), "Original issue high yield bonds: aging analysis of defaults, exchanges and calls," *Journal of Finance* (Sept.): 923-52.

- Athanassokos, G. and P. Carayannopoulos (2000), "Bargains in the corporate convertible bond market," *Canadian Journal of Administrative Sciences* 17: 153-65.
- Babbel, D. and S. Zenios (1992), "Pitfalls in the analysis of option-adjusted spreads," *Financial Analysts Journal* (July/Aug.): 65-9.
- Bajaj, M., S. Mazumdar and A. Sarin (2002), "The costs of issuing preferred stock," *Journal of Financial Research* 25: 577-93.
- Bailey, E. (2002), "Aviation policy: past and present," *Southern Economic Journal* 69: 12-20.
- Balbas, A. and A. Ibanez (1998), "When can you Immunize a Bond Portfolio?", *Journal of Banking and Finance* 22: 1571-95.
- Baliga, W. (1995), "U.S. district court makes summary judgment ruling," *Journal of Accountancy* 179: 20.
- Ball, C. and W. Torous (1983), "Bond price dynamics and options," *Journal of Financial and Quantitative Analysis* 17: 517-31.
- Ball, R. and P. Brown (1968), "An empirical evaluation of accounting income numbers," *Journal of Accounting Research* 6: 159-78.
- Barber, T. (1999), "Bond immunization and affine term structures," *Financial Review* 34: 137-40.
- Barberis, N. (2000), "Investing for the long run when returns are predictable," *Journal of Finance* 55: 255-64.
- Barney, J. (1997), *Gaining the Sustaining Competitive Advantage*, Reading, MA: Addison-Wesley.
- Barth, M. (2001), "Risk-based capital," *Journal of Insurance Regulation* 20: 233-43.
- Barth, M., D. Cram and K. Nelson (2001), "Accruals and the prediction of future cash flows," *Accounting Review* 76: 27-58.
- Basu, S. (1977), "Investment performance of common stocks in relation to their price-earnings ratios: a test of the efficient markets hypothesis," *Journal of Finance* 32: 663-82.
- Basu, S. (1983), "The relationship between earnings yield, market value and the return for NYSE common stocks: further evidence," *Journal of Financial Economics* 12: 129-56.
- Battacharya, M. (2001), "Convertible securities and their valuation," chapter 51 in Fabozzi.
- Baumol, W. (1970), *Economic Dynamics*, 3rd edn, London: Macmillan.
- Baumol, W. (1977), *Economic Theory and Operations Analysis*, 4th edn, Englewood Cliffs, NJ: Prentice-Hall.
- Beller, K., J. Kling and M. Levinson (1998), "Are industry stock returns predictable?," *Financial Analysis Journal* 54 (Sept.-Oct.): 42-58.
- Berkman, H., M. Bradbury and J. Ferguson (2000), "The accuracy of price-earnings and discounted cash flow methods of IPO equity valuation," *Journal of International Financial Management & Accounting* 11: 71-83.
- Berkshire Hathaway (2003), *Annual Report 2002*, obtained from www.berkshirehathaway.com.
- Benninga, S. and M. Blume (1985), "On the optimality of portfolio insurance," *Journal of Finance* (Dec.): 1341-52.
- Bernoulli, N. (1709; 1975), *De Usu Artis Conjectandi in Jure*, Basel; reprinted in *Die Werke von Jakob Bernoulli*, (vol. 3), Basel: Birkhauser.
- Bernstein, L. (1989; 1993), *Financial Statement Analysis*, 4th edn (5th edn 1993), Homewood, IL: Irwin.
- Bernstein, P. (1992), *Capital Ideas: The Improbable Origins of Modern Wall Street*, New York: Free Press.
- Bernstein, P. (1997), "How long can you run: and where are you running?," *Journal of Post-Keynesian Economics* 20: 183-9.
- Bernstein, P. (1998), "Stock market risk in a post-Keynesian world," *Journal of Post-Keynesian Economics* 21: 15-24.

- Bernstein, P. and A. Damodaran (eds) (1998), *Investment Management*, New York: John Wiley.
- Bernstein, P.I. (1956), "Growth companies vs. growth stocks," *Harvard Business Review* (Sept./Oct.): 87-98.
- Bessembinder, H. and K. Chan (1998), "Market efficiency and the returns to technical analysis," *Financial Management* 27: 5-17.
- Bhaskar, R. (1978), *A Realist Theory of Science*, 2nd edn, Brighton, UK: Harvester.
- Biddle, G., R. Bowen and J. Wallace (1997), "Does EVA beat earnings? Evidence on association of stock returns and firm values," *Journal of Accounting and Economics* 24: 201-336.
- Biddle, G., R. Bowen and J. Wallace (1998), "Economic value added: some empirical EVAidence," *Managerial Finance* 24: 60-71.
- Bierman, H. (1991), *The Great Myths of 1929 and the Lessons to be Learned*, Westport, CN: Greenwood Press.
- Bierman, H. (1998), *The Causes of the 1929 Stock Market Crash*, Westport, CN: Greenwood Press.
- Bierwag, G. (1977), "Duration and the term structure of interest rates," *Journal of Financial and Quantitative Analysis* 12: 725-42.
- Bierwag, G. (1987), *Duration Analysis, Managing Interest Rate Risk*, Cambridge, MA: Ballinger.
- Bierwag, G. and C. Khang (1979), "An immunization strategy is a maxmin strategy," *Journal of Finance* 37: 379-89.
- Bierwag, G., I. Fooladi and G. Roberts (1993), "Designing an immunized portfolio: is M-squared the key?," *Journal of Banking and Finance* 17: 1147-70.
- Bierwag, G., G. Kaufman and A. Toevs (1983), "Duration: its development and use in bond portfolio management," *Financial Analysts Journal* (July/Aug.): 15-35.
- Bishop, G. (1961), "Evolution of the Dow theory," *Financial Analysts Journal* 17 (Sept./Oct.): 25-36.
- Black, F. (1976), "The pricing of commodity contracts," *Journal of Financial Economics* 3: 167-79.
- Black, F. and M. Scholes (1973), "The pricing of options and corporate liabilities," *Journal of Political Economy* 81: 637-59.
- Black, F., E. Derman and W. Toy (1990), "A one-factor model of interest rates and its application to treasury bond options," *Financial Analysis Journal* (February): 33-9.
- Blanc, R. and R. Gordon (1999), "Reforming the unbargained contract: avoiding bondholder claims for surprise calls," *Business Lawyer* 55: 317-49.
- Blake, D., B. Lehmann and A. Timmermann (1999), "Asset allocation dynamics and pension fund performance," *Journal of Business* 72: 429-61.
- Blau, W. (1995), *Momentum, Direction and Divergence*, New York: John Wiley.
- Blaug, M. (1978), *Economic Theory in Retrospect*, 3rd edn, Cambridge, UK: Cambridge University Press.
- Blaug, M. (1992), *The Methodology of Economics: Or, How Economists Explain*, Cambridge, UK: Cambridge University Press.
- Blume, M. and I. Friend (1975), "The asset structure of individual portfolios and some implications for utility functions," *Journal of Finance* 10: 585-603.
- Bodie, Z. (1974), "Common stocks as a hedge against inflation," *Journal of Finance* 31: 459-70.
- Bodie, Z. (1995), "On the risk of stocks in the long run," *Financial Analysts Journal* (May/June): 18-22.
- Bodie, Z. and D. Crane (1997), "Personal investing: advice, theory and evidence," *Financial Analysts Journal* (Nov./Dec.): 13-23.
- Bodie, Z., A. Kane and A. Marcus (1999), *Investments*, Boston: Irwin, 4th edn.
- Bohan, J. (1981), "Relative strength: further positive evidence," *Journal of Portfolio Management* 7: 39-46.
- Bond Market Association (2002), "An investors guide to collateralized mortgage obligations."

- Bond, D. (2003), "The big downside: this year's FAA forecast sees slower growth. Unfortunately, that's the good news," *Aviation Week and Space Technology*, Mar. 24.
- Bookstaber, R. (1991), "The valuation and exposure management of bonds with embedded options," chapter 38 in Fabozzi.
- Bookstaber, R. and R. Clarke (1983), *Option Strategies for Institutional Investment Management*, London: Addison Wesley.
- Borenstein, S. and N. Rose (1994), "Competition and price dispersion in the US airline industry," *Journal of Political Economy* 103: 653-83.
- Boudoukh, J. and M. Richardson (1993), "Stock returns and inflation: a long-horizon perspective," *American Economic Review* 83: 1346-55.
- Bowden, R. (1997), "Generalizing interest rate duration with directional derivatives: direction X and applications," *Management Science* 43: 198-205.
- Box, G. and G. Jenkins (1970), *Time Series Analysis, Forecasting and Control*, San Francisco: Holden Day.
- Brealey, R. (1991), "Harry M. Markowitz's contributions to financial economics: bibliography of Markowitz's Publications, 1952-1990," *Scandinavian Journal of Economics* 93: 7-21.
- Brealey, R. and S. Myers (1991), *Principles of Corporate Finance*, 4th edn, New York: McGraw-Hill.
- Brennan, M. and E. Schwartz (1976), "The pricing of equity-linked life insurance policies with an asset value guarantee," *Journal of Financial Economics* 4: 195-213.
- Brennan, M. and E. Schwartz (1977), "Savings bonds, retractable bonds and callable bonds," *Journal of Financial Economics* 5: 67-88.
- Brennan, M. and E. Schwartz (1979), "A Continuous time approach to the pricing of bonds," *Journal of Banking and Finance* 3: 133-55.
- Brennan, M. and E. Schwartz (1987), "Time invariant portfolio insurance strategies," UCLA Working Paper (September).
- Brieman, L. (1960), "Investment policies for expanding businesses optimal in a long run sense," *Naval Research Logistics Quarterly* 7: 647-51.
- Brinson, G., B. Singer and G. Beebower (1991), "Determinants of portfolio performance II: an update," *Financial Analysts Journal* (May/June): 40-8.
- Briys, E. and B. Solnick (1992), "Optimal currency hedge ratios and interest rate risk," *Journal of International Money and Finance* 11: 431-46.
- Brock, W., J. Lakonishok and B. LeBaron (1992), "Simple technical trading rules and stochastic properties of stock returns," *Journal of Finance* 47: 1731-64.
- Brockett, P. and Y. Kahane (1992), "Risk, return, skewness and preference," *Management Science* 38: 851-66.
- Brown, S., W. Goetzmann, R. Ibbotson and S. Ross (1992), "Survivorship bias in performance studies," *Review of Financial Studies* 5: 553-80.
- Brown, S., W. Goetzmann and A. Kumar (1998), "The Dow theory: William Peter Hamilton's track record reconsidered," *Journal of Finance* 53: 1311-33.
- Brown, S., W. Goetzmann and R. Ibbotson (1999), "Offshore hedge funds: survival and performance, 1989-1995," *Journal of Business* 72: 91-117.
- Brown, S., W. Goetzmann and J. Park (2001), "Careers and survival: competition and risk in the hedge fund and CTA industry," *Journal of Finance* 56: 1869-86.
- Bruecker, J. (2003), "International airfares in the age of alliances," *Review of Economics and Statistics* 85: 105-18.
- Buckley, H. (1924), "Sir Thomas Gresham and the foreign exchanges," *Economic Journal* 34: 589-601.
- Busse, M. (2002), "Firm financial condition and airline price wars," *Rand Journal of Economics* 33: 298-318.

- Butler, A. (2002), "Revisiting optimal call policy for convertibles," *Financial Analysts Journal* (Jan./Feb.): 50-5.
- Buttler, H. (1995), "Evaluation of callable bonds: finite difference methods, stability and accuracy," *Economic Journal* 105: 374-84.
- Buttler, H. and J. Waldvogel (1996), "Pricing callable bonds by means of Green's function," *Mathematical Finance* 6: 53-89.
- Caldwell, T. (1995), "Introduction: the model for superior performance," chapter 1 in Lederman and Klein (eds.).
- Callahan, C., W. Shaw and W. Terando (2001), "Tax and regulatory motivations for issuing non-voting, non-convertible preferred stock," *Journal of Accounting Research* 39: 463-81.
- Campbell, J. (1996), "Understanding risk and return," *Journal of Political Economy* 104: 298-345.
- Campbell, J. and L. Viceira (2002), *Strategic Asset Allocation: Portfolio Choice for Long-Term Investors*, New York: Oxford University Press.
- Campbell, J., A. Lo and A. MacKinley (1997), *The Econometrics of Financial Markets*, Princeton, NJ: Princeton University Press.
- Canadian Securities Institute (1992), *The Canadian Securities Course*, Toronto: Canadian Securities Institute.
- Canner, N., G. Mankiw and D. Weil (1997), "An asset allocation puzzle," *American Economic Review* 87: 181-91.
- Carhart, M. (1997), "On persistence in mutual fund performance," *Journal of Finance* 52: 57-82.
- Carpenter, J. and A. Lynch (1999), "Survivorship bias and attrition effects in measures of performance persistence," *Journal of Financial Economics* 54: 337-74.
- Carron, A. (1992), "Understanding CMOs, REMICs and other mortgage derivatives," *Institutional Investor* (June): 65-82.
- Cathcart, L. and L. El-Jahel (1998), "Valuation of defaultable bonds," *Journal of Fixed Income* (June): 65-78.
- Chambers, D., W. Carleton and R. McEnally (1988), "Immunization default-free bond portfolios with a duration vector," *Journal of Financial and Quantitative Analysis* 23: 89-104.
- Chan, K., A. Hameed and W. Tong (2000), "Profitability of momentum strategies in the international equity markets," *Journal of Financial and Quantitative Analysis* 35: 153-72.
- Chan, K., N. Jegadeesh and J. Lakonishok (1996), "Momentum strategies," *Journal of Finance* 51: 1681-1713.
- Chan, K.C., G. Karolyi, F. Longstaff and A. Sanders (1992), "An empirical comparison of alternative models of the short-term interest rate," *Journal of Finance* 47: 1209-27.
- Chance, D. (1990), "Default risk and the duration of zero-coupon bonds," *Journal of Finance* 45: 265-74.
- Chance, D. (1998), *An Introduction to Derivatives*, 4th edn, New York: Dryden Press.
- Chance, D. and J. Jordan (1996), "Duration, convexity and time as components of bond returns," *Journal of Fixed Income* (Sept.): 88-96.
- Chapman, D. and N. Pearson (2001), "Recent advances in estimating term structure models," *Financial Analysts Journal* (July/Aug.): 77-93.
- Chen, G., M. Firth and J.-B. Kim (2002), "The use of accounting information for the valuation of dual-class shares listed on China's stock markets," *Accounting and Business Research* 32: 123-31.
- Cheng, S. (1991), "On the feasibility of arbitrage-based option pricing when stochastic bond price processes are involved," *Journal of Economic Theory*, 53: 185-98.
- Chiang, R. and J. Okunev (1993), "An alternative formulation on the pricing of foreign currency options," *Journal of Futures Markets* 903-7.

- Christensen, P. and B. Sorensen (1994), "Duration, convexity and time value," *Journal of Portfolio Management* (winter): 51-60.
- Christie, W. (1990), "Dividend yield and expected returns: the zero-dividend puzzle," *Journal of Financial Economics* 28: 95-126.
- Cipolla, C. (ed.) (1974), *The Fontana Economic History of Europe*, vol. 2, Glasgow: Collins.
- Clews, H. (1908), *Fifty Years on Wall Street*, New York: Irving Press; reprinted by New York: Arno Press (1973).
- Clinton, D. and S. Chen (1996), "Do new performance measures measure up?", *Management Accounting* 80: 38-43.
- Cochrane, J. (2001), *Asset Pricing*, Princeton, NJ: Princeton University Press.
- Cohen, J. (1953), "The element of lottery in British government bonds, 1694-1919," *Economica* (Aug.): 237-46.
- Conklin, H. (1958), "Growth stocks: a critical view," *Analysts Journal* (Feb.).
- Conrad, J. and G. Kaul (1993), "Long-term market overreaction or biases in computed returns?", *Journal of Finance* (March): 39-63.
- Constantinides, G. (1979), "A note on the suboptimality of dollar-cost averaging as an investment policy," *Journal of Financial and Quantitative Analysis* 14: 443-50.
- Constantinides, G. (2002), "Rational asset prices," *Journal of Finance* 57: 1566-82.
- Coolidge, J.L. (1990), *The Mathematics of Great Amateurs*, 2nd edn, Oxford: Clarendon.
- Cootner, P. (ed.) (1965), *The Random Character of Stock Market Prices*, Cambridge, MA: MIT Press.
- Cope, S. (1978), "The stock exchange revisited: a new look at the market in securities in London in the eighteenth century," *Economica* 45: 1-21.
- Copeland, T., T. Koller and J. Murrin (1996), *Valuation: Measuring and Managing the Value of Companies*, 2nd edn, New York: Wiley.
- Cordeiro, J. and D. Kent (2001), "Do EVA adopters outperform their peers? Evidence from security analyst earnings forecasts," *American Business Review* 19: 57-63.
- Cornew, R. (1988), "Commodity pool operators and their pools: expenses and profitability," *Journal of Futures Markets* 8: 617-37.
- Cowles, A. (1934), "Can stock market forecasters forecast?", *Econometrica* 1: 309-24.
- Cox, D. and H. Miller (1965), *The Theory of Stochastic Processes*, London: Chapman and Hall.
- Cox, J. and S. Ross (1976), "The valuation of options for alternative stochastic processes," *Journal of Financial Economics* 3: 145-66.
- Cox, J. and M. Rubinstein (1985), *Option Markets*, Englewood Cliffs, NJ: Prentice-Hall.
- Cox, J., J. Ingersoll and S. Ross (1985), "A theory of the term structure of interest rates," *Econometrica* (March): 385-407.
- Crabbe, L. and P. Nikoulis (1997), "The puttable bond market: structure, historical experience and strategies," *Journal of Fixed Income* (Dec.): 47-60.
- Crack, T. and S. Nawalkha (2000), "Interest rate sensitivities of bond risk measures," *Financial Analysts Journal* (Jan./Feb.): 34-43.
- Culp, C. (2001), *The Risk Management Process*, New York: Wiley.
- Cunningham, L. (ed.) (2002), *The Essays of Warren Buffett: Lessons for Investors and Managers*, revised edn, New York: John Wiley.
- Damodaran, V. (1994), *Damodaran on Valuation: Security Analysis for Investment and Corporate Finance*, New York: John Wiley.
- Daniel, K., M. Grinblatt, S. Titman and R. Wermers (1997), "Measuring mutual fund performance with characteristic based benchmark," *Journal of Finance* 52: 1035-58.
- Daston, L. (1987), "The domestication of risk: mathematical probability and insurance 1650-1830," in L. Kruger, L. Daston and M. Heidelberger (eds), *The Probabilistic Revolution*, vol. 1, London: MIT Press, ch. 10.

- Daston, L. (1988), *Classical Probability in the Enlightenment*, Princeton, NJ: Princeton University Press.
- Davidson, P. (1991), "Is probability theory relevant for uncertainty?: a post-Keynesian perspective," *Journal of Economic Perspectives* 3: 29-43.
- Dechow, P. and D. Skinner (2000), "Earnings management: reconciling the views of accounting academics, practitioners, and regulators," *Accounting Horizons* 14: 235-50.
- Dechow, P., A. Hutton and R. Sloan (1999), "An empirical assessment of the residual income valuation model," *Journal of Accounting and Economics* 26: 1-34.
- De Bondt, W. and R. Thaler (1985), "Does the stock market overreact?," *Journal of Finance* 40: 793-805.
- De Bondt, W. and R. Thaler (1987), "Further evidence on stock market overreaction and stock market seasonality," *Journal of Finance* 42: 557-81.
- de Marchi, N. and P. Harrison (1994), "Trading 'in the wind' and with guile: the troublesome matter of the short selling of shares in seventeenth-century Holland," in N. de Marchi and M. Morgan (eds), *Higgling: Transactors and their Markets in the History of Economics*, Annual Supplement to *History of Political Economy* 26.
- Deng, Y., J. Quigley and R. van Order (2000), "Mortgage terminations, heterogeneity and the exercise of mortgage options," *Econometrica* 68: 275-307.
- Dewing, A. (1953), *The Financial Policy of Corporations*, New York: Ronald Press.
- Dhrymes, P. (1974), *Econometrics, Statistical Foundations and Applications*, New York: Springer-Verlag.
- Dhrymes, P. (1981), *Distributed Lags: Problems of Estimation and Formulation*, 2nd edn, New York: North Holland.
- Dialynas, C., S. Durn and J. Ritchie (2001), "Convertible securities and their investment characteristics," chapter 50 in Fabozzi.
- Dickson, P. (1967), *The Financial Revolution in England*, New York: St Martin's Press.
- Dimson, E., P. Marsh and M. Staunton (2002), *Triumph of the Optimists: 101 Years of Global Investment Returns*, Princeton, NJ: Princeton University Press.
- Donkers, B., B. Melenberg and A. van Soest (2001), "Estimating risk attitudes using lotteries: a large sample approach," *Journal of Risk and Uncertainty* (March) 22: 165-95.
- Dresner, M., R. Windle and Y. Yao (2002), "Airport barriers to entry in the US," *Journal of Transport Economics and Policy* 36: 389-405.
- Drew, G. (1951), *New Methods for Profit in the Stock Market*, Boston: Metcalf Press.
- Du Bois, P. (2000), "The oracle of Dow," *Barron's*, June 12: 39-40.
- Du Bois, P. (2001), "Dow 2500, anyone? An interview with Richard Russell," *Barron's*, Apr. 16: 28-30.
- Duffie, D. (1988), *Securities Markets, Stochastic Models*, New York: Academic Press.
- Duffie, D. (1989), *Futures Markets*, Englewood Cliffs, NJ: Prentice-Hall.
- Duffie, D. (2001), *Dynamic Asset Pricing Theory*, 3rd edn, Princeton, NJ: Princeton University Press.
- Dunbar, N. (2000), *Inventing Money: The Story of Long-term Capital Management and the Legends Behind It*, New York: Wiley.
- Dunn, K. and J. McConnell (1981), "Valuation of GNMA mortgage-backed securities," *Journal of Finance* 36: 599-616.
- Durand, D. (1957), "Growth stocks and the Petersburg paradox," *Journal of Finance* 12: 348-63.
- Durand, D. (1959), "The cost of capital, corporation finance and the theory of investment: comment," *American Economic Review* 49: 639-55.
- Durand, D. (1960), "Portfolio selection: efficient diversification of investments, review," *American Economic Review* 50: 234-6.

- Dym, S. (1992), "Global and local components of foreign bond risk," *Financial Analysts Journal*, (Mar./Apr.): 83-91.
- Eaker, M. et al. (1991), "Investment in foreign equities: diversification, hedging and risk," *Journal of Multinational Financial Management* 1: 1-21.
- Eames, F. (1894), *The New York Stock Exchange*, New York: Greenwood Press; reprint (1968).
- Ederington, L. and J. Goh (2001), "Is a convertible bond call really bad news?", *Journal of Business* 74: 459-76.
- Edwards, F. and M. Caglayan (2001), "Hedge fund and commodity fund investment in bull and bear markets," *Journal of Portfolio Management* 27: 97-108.
- Elton, E., M. Gruber, and J. Rentzler (1987), "Professionally managed, publicly traded commodity funds," *Journal of Business* 60: 175-200.
- Edwards, R. and J. Magee (1958), *Technical Analysis of Stock Trends*, 4th edn, Springfield, MA: John Magee.
- Edwards, R. and J. Magee (1966), *Technical Analysis of Stock Trends*, 5th edn, Springfield, MA: John Magee.
- Ehrbar, A. (1998), *EVA: The Real Key to Creating Wealth*, New York: Wiley.
- Eiteman, W. and F. Smith (1953), *Common Stock Value and Yields*, Ann Arbor, MI: University of Michigan Press.
- Elder, A. (1993), *Trading for a Living*, New York: John Wiley.
- Elton, E. (1999), "Expected return, realized return and asset pricing tests," *Journal of Finance* 54: 1199-1220.
- Elton, E. and M. Gruber (1974), "An algorithm for maximizing the geometric mean," *Management Science* (Dec.): 483-8.
- Elton, E. and M. Gruber (1984), *Modern Portfolio Theory and Investment Analysis*, 2nd edn, New York: Wiley.
- Elton, E. and M. Gruber (1995), *Modern Portfolio Theory and Investment Analysis*, 5th edn, New York: Wiley.
- Elton, E. and M. Gruber (2000), "The rationality of asset allocation recommendations," *Journal of Financial and Quantitative Analysis* 36: 27-41.
- Elton, E., M. Gruber and J. Rentzler (1983), "A simple examination of the empirical relationship between dividend yields and deviations from the CAPM," *Journal of Banking and Finance* 7: 135-46.
- Elton, E., M. Gruber and C. Blake (1996), "Survivorship bias and mutual fund performance," *Review of Financial Studies* 9: 1097-1120.
- Ely, D., A. Houston and C. Houston (2002), "Taxes and the choice of issuing preferred stock vs. debt," *Journal of the American Taxation Association* 24: 29-46.
- English, J. (2001), *Applied Equity Analysis*, New York: McGraw-Hill.
- Eun, C. and B. Resnick (1988), "Exchange rate uncertainty, forward contracts and international portfolio selection," *Journal of Finance* 43: 197-215.
- Eun, C. and B. Resnick (1995), "International diversification of investment portfolios: US and Japanese perspectives," *Management Science* 40: 140-61.
- Evans, M. (1965), *Arbitrage in Domestic Securities in the United States*, W. Nyack, NY: Parker.
- Evans, N. (2002), "Is the game over for hedge funds?", *Euromoney* (Jan.): 10-12.
- Fabozzi, F. (1989), *Bond Markets, Analysis and Strategies*, 2nd edn, Englewood Cliffs, NJ: Prentice-Hall.
- Fabozzi, F. (1991), *Handbook of Fixed Income Securities*, 3rd edn, New York: McGraw-Hill.
- Fabozzi, F. (2000), *Bond Markets, Analysis and Strategies*, 4th edn, Englewood Cliffs, NJ: Prentice-Hall.
- Fabozzi, F. (2001), *Handbook of Fixed Income Securities*, 6th edn, New York: McGraw-Hill.

- Fabozzi, F. (2002), *Fixed Income Securities*, New York: Wiley.
- Fabozzi, F., J. Howe, T. Makabe, and T. Sudo (1993), "Recent evidence on the distribution patterns in Chapter 11 reorganizations," *Journal of Fixed Income* (spring): 6-23.
- Fama, E. (1998), "Market efficiency, long-term returns, and behavioral finance," *Journal of Financial Economics* 49: 283-306.
- Fama, E. (1965), "The behavior of stock market prices," *Journal of Business* 38: 34-105.
- Fama, E. (1970), "Efficient capital markets: a review of theory and empirical work," *Journal of Finance* 25 (March): 383-417.
- Fama, E. (1970a), "Multiperiod consumption-investment decisions," *American Economic Review* 60: 163-74.
- Fama, E. (1976), *Foundations of Finance*, New York: Basic Books.
- Fama, E. (1981), "Stock returns, real activity, inflation and money," *American Economic Review* 71: 545-65.
- Fama, E. and M. Blume (1966), "Filter rules and stock market trading profits," *Journal of Business* 39: 226-41.
- Fama, E. and J. MacBeth (1973), "Risk, return and equilibrium: empirical tests," *Journal of Political Economy* 81: 607-36.
- Fama, E. and K. French (1992), "The cross-section of expected stock returns," *Journal of Finance* 47: 427-66.
- Fama, E. and K. French (1995), "Size and book-to-market factors in earnings and returns," *Journal of Finance* 50: 131-84.
- Fama, E. and K. French (1998), "Value vs. growth: the international evidence," *Journal of Finance* 53: 1975-99.
- Fama, E., L. Fisher, M. Jensen and R. Roll (1969), "The adjustment of stock prices to new information," *International Economic Review* 10: 1-21.
- Feller, W. (1957), *An Introduction to Probability Theory and Its Applications*, vol. 1, 2nd edn, New York: Wiley.
- Feller, W. (1966), *An Introduction to Probability Theory and Its Applications*, vol. 2, New York: Wiley.
- Person, W. and R. Schadt (1996), "Measuring fund strategy and performance in changing economic conditions," *Journal of Finance* 51: 425-62.
- Finnerty, J. (1999), "Adjusting the binomial model for default risk," *Journal of Portfolio Management* (winter): 93-103.
- Fischer, S. (1975), "The demand for index bonds," *Journal of Political Economy* 83: 509-34.
- Fishburn, P. (1982), *The Foundations of Expected Utility*, Dordrecht: Reidel.
- Fisher, I. (1896), *Appreciation and Interest*, New York: Macmillan.
- Fisher, I. (1906), *The Nature of Capital and Income*, New York: A.M. Kelley reprint (1965).
- Fisher, I. (1907), *The Rate of Interest: Its Nature, Determination and Relation to Economic Phenomena*, New York: Macmillan.
- Fisher, I. (1912), *How to Invest when Prices are Rising*, Scranton, PA: Lynn Sumner.
- Fisher, I. (1930), *The Stock Market Crash: And After*, New York: Macmillan.
- Fisher, I. (1930a), *The Theory of Interest: As Determined by Impatience to Spend Income and Opportunity to Invest in It*, New York: Macmillan.
- Fisher, K. and M. Statman (1997), "The mean-variance optimization puzzle: security portfolios and food portfolios," *Financial Analysts Journal* (July/Aug.): 41-50.
- Fisher, K. and M. Statman (1999), "A behavioral framework for time diversification," *Financial Analysts Journal* (May/June): 88-97.
- Fisher, L. and J. Lorie (1964), "Rates of return on investment in common stocks," *Journal of Business* 37: 1-21.

- Fisher, P. (1958), *Common Stocks and Uncommon Profits* (revised edn, 1960), New York: Harper and Row.
- Fisher, P. (1975), *Conservative Investors Sleep Well*, New York: Harper and Row.
- Fisher, P. (1980), *Developing an Investment Philosophy*, Charlottesville, VA: Financial Analysts Research Foundation.
- Fong, C. and O. Vasicek (1984), "A risk minimizing strategy for portfolio immunization," *Journal of Finance* 39: 1541-6.
- Foster (1986), *Financial Statement Analysis*, 2nd edn, Englewood Cliffs, NJ: Prentice-Hall.
- Fox, S. (1999), "Assessing TAA manager performance," *Journal of Portfolio Management* (fall): 40-9.
- Francis, J. (1983), *Management of Investments*, New York: McGraw-Hill.
- Frankfurter, G. (1999), "What is the puzzle in the 'dividend puzzle'?", *Journal of Portfolio Management* (summer): 76-85.
- Freund, J. (1971), *Mathematical Statistics*, 2nd edn, Englewood Cliffs, NJ: Prentice-Hall.
- Fridson, M., (ed.) (1996), *Extraordinary Popular Delusions and the Madness of Crowds; and, Confusion de Confusiones* (reprints of classic texts), New York: Wiley.
- Fridson, M. and F. Alvarez (2002), *Financial Statement Analysis*, New York: John Wiley.
- Friedman, M. (1953), "The methodology of positive economics," in M. Friedman, *Essays in Positive Economics*, Chicago: University of Chicago Press.
- Friedman, M. and L. Savage (1948), "The utility analysis of choices involving risk," *Journal of Political Economy* 56: 279-304.
- Fung, W. and D. Hsieh (2000), "Performance characteristics of hedge funds and commodity funds: natural vs. spurious biases," *Journal of Financial and Quantitative Analysis* 35: 291-307.
- Fung, W. and D. Hsieh (2002), "Benchmarks of hedge fund performance: information content and measurement biases," *Financial Analysts Journal* 58: 22-34.
- Gadamer, H.-G. (1960), *Truth and Method*, New York: Seabury Press (1975) translation of the 2nd German edn of (1965).
- Garbade, K. (1996), *Fixed Income Analytics*, Cambridge, MA: MIT Press.
- Garman, M. and S. Kohlhagen (1983), "Foreign currency option values," *Journal of International Money and Finance* 2: 231-37.
- Gartley, H. (1930), *Profits in the Stock Market*, Pomeroy, WA: Lambert-Gann.
- Gartley, H. (1934), *Charting the Stock Market*, New York: Harper & Brothers.
- Garza-Gomez, X. (2001), "The information content of the book-to-market ratio," *Financial Analysts Journal* 57: 78-95.
- Gatto, M., R. Geske, R. Litzenberger and H. Sosin (1980), "Mutual fund insurance," *Journal of Financial Economics* 7: 283-317.
- Geisst, C. (1997), *Wall Street: A History*, New York: Oxford University Press.
- Geman, H. and M. Yor (1993), "Bessel processes, Asian options and perpetuities," *Mathematical Finance* (Oct.): 349-75.
- Geske, R. and R. Roll (1983), "The fiscal and monetary linkages between stock returns and inflation," *Journal of Finance* 38: 1-33.
- Giammarino, R., E. Maynes, R. Brealey, S. Myers and A. Marcus (1996), *Fundamentals of Corporate Finance*, (first Canadian edn), New York: McGraw-Hill.
- Gibbons, M. and K. Ramaswamy (1993), "The term structure of interest rates: empirical evidence," *Review of Financial Studies* 6: 619-58.
- Gibson, R. and E. Schwartz (1990), "Stochastic convenience yield and the pricing of oil contingent claims," *Journal of Finance* 45: 959-76.
- Gittell, J. (2003), *The Southwest Airlines Way*, New York: McGraw-Hill.

- Goetzmann, W., J. Ingersoll and S. Ross (2003), "High water marks and hedge fund management contracts," *Journal of Finance* 58: 1685–1718.
- Gordon, J.S. (1999), *The Great Game: The Emergence of Wall Street as a World Power 1653–2000*, New York: Scribner.
- Gordon, M. (1962), *The Investment Financing and Valuation of the Corporation*, Homewood, IL: Irwin.
- Grabbe, O. (1991), *International Financial Markets*, New York: Elsevier.
- Graham, B. (1949; 1973), *The Intelligent Investor: A Book of Practical Counsel*, 4th edn, New York: Harper and Row.
- Graham, B. and D. Dodd (1934), *Security Analysis*, New York: McGraw-Hill.
- Graham, B., D. Dodd and S. Cottle (1962), *Security Analysis*, New York: McGraw-Hill.
- Graham, B., D. Dodd and C. Tatham (1951), *Security Analysis*, New York: McGraw-Hill.
- Grauer, R. and N. Hakanson (1987), "Gains from international diversification: 1968–85 returns on portfolios of stocks and bonds," *Journal of Finance* 42: 721–42.
- Grauer, R. and N. Hakanson (1993), "On the use of mean-variance and quadratic approximations in implementing dynamic investment strategies," *Management Science* 39: 856–71.
- Grauer, R. and N. Hakanson (1998), "On naive approaches to timing the market: the empirical probability assessment approach with an inflation adaptor," in W. Ziemba and J. Mulvey (eds), *Worldwide Asset and Liability Modeling*, Cambridge, UK: Cambridge University Press.
- Gray, M. (2002), "New technique defines the limits of upgrading heavy oils, bitumens," *Oil and Gas Journal* (Jan. 7): 50–4.
- Greenwald, B., J. Kahn, P. Sonkin and M. van Biema (2001), *Value Investing, From Graham to Buffett and Beyond*, New York: Wiley.
- Greenwood, M. (1940), "A statistical mare's nest," *Journal of the Royal Historical Society* 103: 246–8.
- Gregoriou, G. (2002), "Hedge fund survival lifetimes," *Journal of Asset Management* 3: 237–52.
- Greiner, D., A. Kalay and H. Kiyoshi (2002), "The market for callable-convertible bonds: evidence from Japan," *Pacific Basin Finance Journal* 10: 1–27.
- Griffin, J. and M. Lemmon (2002), "Book-to-market equity, distress risk, and stock returns," *Journal of Finance* 57: 2317–36.
- Gross, L. (1982), *The Art of Selling Intangibles*, New York: New York Institute of Finance.
- Grubel, H. (1968), "Internationally diversified portfolios: welfare gains and capital flows," *American Economic Review* 58: 1299–1314.
- Hagstrom, R. (1995), *The Warren Buffett Way: Investment Strategies of the World's Greatest Investor*, New York: John Wiley.
- Hagstrom, R. (2000), *The Warren Buffett Portfolio*, New York: John Wiley.
- Hahn, J. (1998), "Consumption adjustment to real interest rates: intertemporal substitution revisited," *Journal of Economic Dynamics and Control* (February) 22: 293–320.
- Haines, L. (2001), "Alberta's heavy oils," *Oil & Gas Investor* 21 (October): 30–41.
- Hakansson, N. (1970), "Optimal investment and consumption strategies under risk for a class of utility functions," *Econometrica* 38: 587–607.
- Hakansson, N. (1971), "Capital growth and the mean-variance approach to portfolio selection," *Journal of Financial and Quantitative Analysis* 6: 517–57.
- Hakkio, C. and M. Rush (1991), "Cointegration: how short is the long run?," *Journal of International Money and Finance* 10: 571–81.
- Hald, A. (1990), *A History of Probability and Statistics and Their Applications before 1750*, New York: Wiley.
- Haley, C. and L. Schall (1979), *The Theory of Financial Decisions*, New York: McGraw-Hill.

- Halley, E. (1693), "An estimate of the degrees of mortality of mankind, drawn from the curious tables of births and funerals of the city of Breslaw; with an attempt to ascertain the price of annuities upon lives," *Philosophical Transactions*: 596–656.
- Hamilton, E. (1947), "Origin and growth of the national debt in western Europe," *American Economic Review* (May): 118–30.
- Hamilton, W. (1922), *The Stock Market Barometer*, New York: Barrons'.
- Hammond, J. and B. Hammond (1919), *The Skilled Labourer, 1760–1832*, New York: A.M. Kelley (1967 reprint).
- Harris, M. and A. Raviv (1985), "A sequential signaling model of convertible debt call policy," *Journal of Finance* 45: 1263–81.
- Harris, R. (1994), "The Bubble Act: its passage and its effects on business organization," *Journal of Economic History* 54 (Sept.): 610–27.
- Harvey, C. (1997), "The relation between the term structure of interest rates and Canadian economic growth," *Canadian Journal of Economics* 30: 169–93.
- Hassett, M., S. Sears and G. Trennepohl (1985), "Asset preference, skewness and the measurement of expected utility," *Journal of Economics and Business* 37: 35–47.
- Haugen, R. (1990), *Modern Investment Theory*, Englewood Cliffs, NJ: Prentice-Hall.
- Haugen, R. (1999a), *The New Finance, The Case Against Efficient Markets*, 2nd edn, Upper Saddle River, NJ: Prentice-Hall.
- Haugen, R. (1999b), *The Inefficient Stock Market: What Pays Off and Why*, Upper Saddle River, NJ: Prentice-Hall.
- Hayek, F. (1955), *The Counter-Revolution of Science*, London: Collier-Macmillan.
- Hayre, L. and K. Lauterbach (1991), "Option-adjusted spread analysis," chapter 37 in Fabozzi.
- Heaney, J. and G. Poitras (1992), "Distributions for diffusions subject to constant reflecting barriers: a decomposition result," SFU Working Paper.
- Heath, D., R. Jarrow and A. Morton (1992), "Bond pricing and the term structure of interest rates: a new methodology," *Econometrica* 60: 77–105.
- Heckscher, E. (1955), *Mercantilism*, 2 vols., 2nd edn, edited by E. Soderlund from the trans. by M. Shapiro (1935), London: Allen and Unwin.
- Heizl, M. (2003), "Canadian craze: investment trusts – investors flock to vehicles seeking their high yields but might not know risks," *Wall Street Journal* (Jan. 20): 2003.
- Henderson, J. and R. Quandt (1980), *Microeconomic Theory*, 3rd edn, New York: McGraw-Hill.
- Hendry, D. (1995), *Dynamic Econometrics*, New York: Oxford University Press.
- Henry, P. (2002), "Is disinflation good for the stock market?," *Journal of Finance* 57: 1617–48.
- Heywood, G. (1985), "Edmond Halley: astronomer and actuary," *Journal of the Institute of Actuaries*: 279–301.
- Hicks, J. (1939), *Value and Capital: An Inquiry into some Fundamental Principles of Economic Theory* (2nd edn, 1946), Oxford, UK: Clarendon Press.
- Higgins, R. (1998), *Analysis for Financial Management*, 5th edn, Homewood, IL: Irwin.
- Hirschey, M. (2000), "The 'dogs of the Dow' myth," *Financial Review* 35: 1–16.
- Ho, T. and S. Lee (1986), "Term structure movements and pricing of interest rate contingent claims," *Journal of Finance* 41: 1011–29.
- Hobsbawm, E. (1965), *Labouring Men: Studies in the History of Labour*, New York: Basic Books.
- Hodrick, R. (1992), "Dividend yields and expected stock returns: alternative procedures for inferences and measurement," *Review of Financial Studies* 5: 357–86.
- Hooke, J. (1998), *Security Analysis on Wall Street*, New York: John Wiley.
- Houtzager, D. (1950), *Life Annuities and Sinking Funds in the Netherlands before 1672*, Schiedam: Hav-Bank.

- Hull, J. (2003), *Options, Futures and Other Derivatives*, 5th edn, Saddle River, NJ: Prentice-Hall.
- Ibbotson, R. and R. Sinquefeld (1976), "Stocks, bonds, bills and inflation: year-by-year historical returns (1926-74)," *Journal of Business* 49: 11-43.
- Ingersoll, J. (1977), "A contingent claims valuation of convertible securities," *Journal of Financial Economics* 4: 289-321.
- Ingersoll, J. (1977a), "An examination of corporate call policies on convertible securities," *Journal of Finance* 32: 463-78.
- Ingersoll, J. (1987), *Theory of Financial Decision Making*, Savage, MD: Rowman and Littlefield.
- Irwin, S. and W. Brorsen (1985), "Public futures funds," *Journal of Futures Markets*, 5: 149-72.
- Irwin, S., T. Krukemyer and C. Zulauf (1993), "Investment performance of public commodity pools: 1979-1990," *Journal of Futures Markets*, 13: 799-820.
- Jahnke, W. (1997), "The asset allocation hoax," *Journal of Financial Planning* 10 (Feb.): 109-13.
- Jamshidian, F. (1989), "An exact bond option formula," *Journal of Finance* 44: 205-9.
- Jangannathan, R. and Z. Wang (2002), "Empirical evaluation of asset-pricing models: a comparison of the SDF and beta methods," *Journal of Finance* 58: 2337-67.
- Jarrell, G., J. Brickley and J. Netter (1988), "The market for corporate control: the empirical evidence since 1980," *Journal of Economic Perspectives* 2: 49-68.
- Jarrow, R. and S. Turnbull (1995), "Pricing options on financial securities subject to default risk," *Journal of Finance* 50: 53-86.
- Jegadeesh, N. and S. Titman (1993), "Returns to buying winners and selling losers: implications for stock market efficiency," *Journal of Finance* 48: 65-91.
- Jegadeesh, N. and S. Titman (2001), "Profitability of momentum strategies: an evaluation of alternative explanations," *Journal of Finance* 56: 699-702.
- Jensen, M. and R. Ruback (1983), "The market for corporate control," *Journal of Financial Economics* 11: 5-50.
- Jianakoplos, N. and A. Bernasek (1998), "Are women more risk averse?," *Economic Inquiry* (October) 36: 620-30.
- John, K. (1993), "Managing financial distress and valuing distressed securities: a survey and a research agenda," *Financial Management* 22: 60-78.
- Jones, C. and G. Kaul (1996), "Oil and stock markets," *Journal of Finance* 51: 463-91.
- Jones, E., S. Mason and E. Rosenfeld (1984), "Contingent claims analysis of corporate capital structures," *Journal of Finance* 39: 611-25.
- Jorion, P. (1985), "International portfolio diversification with estimation risk," *Journal of Business* 58: 259-78.
- Jorion, P. (2001), *Value at Risk*, 2nd edn, New York: McGraw-Hill.
- Kahneman, D. and A. Tversky (1979), "Prospect theory: an analysis of decision making under risk," *Econometrica* 47: 263-91.
- Kaish, S. (1969), "Odd-lot profit and loss performance," *Financial Analysts Journal* (Mar./Apr.): 83-9.
- Kalotay, A., G. Williams and F. Fabozzi (1993), "A model for valuing bonds and embedded options," *Financial Analysts Journal* (May/June): 35-46.
- Kang, J. and A. Chen (2002), "Evidence on theta and convexity in Treasury returns," *Journal of Fixed Income* 12: 41-50.
- Kaplan, S. and R. Ruback (1995), "The valuation of cash flow forecasts: an empirical analysis," *Journal of Finance* 50: 1059-94.
- Karlin, S. and H. Taylor (1975), *A First Course in Stochastic Processes*, New York: Academic Press.
- Katona, G. (1951), *Psychological Analysis of Economic Behavior*, New York: McGraw-Hill.
- Kaufman, P. (1978), *Commodity Trading Systems and Methods*, New York: John Wiley.
- Keithahn, C. (1979), *The Brewing Industry*, Washington, DC: Federal Trade Commission.

- Kellenbenz, H. (1957), "Introduction" to de la Vega, *Confusion de Confusiones*, reprinted in Fridson (1996).
- Kendall, M. (1953), "The analysis of economic time series, part I: prices," *Journal of the Royal Statistical Society, Series A*, 15: 11-34.
- Kendall, M. and A. Stuart (1963), *The Advanced Theory of Statistics*, vol. 1, 2nd edn, London: Griffin.
- Kennedy, R. (1959), "Growth stocks and the chemical products industry," *Analysts Journal* (Feb.).
- Keynes, J. (1936), *The General Theory of Employment, Interest and Money*, New York: Harcourt (Harbinger edn 1964).
- Kim, I., K. Ramaswamy and S. Sundaresan (1993), "Valuation of corporate fixed-income securities," *Financial Management* 22: 60-78.
- Kindleberger, C. (1989), *Manias, Panics and Crashes*, New York: Basic Books.
- King, T. and D. Mauer (2000), "Corporate call policy for nonconvertible bonds," *Journal of Business* 73: 403-44.
- Klamer, A., R. Solow and D. McCloskey (eds) (1988), *The Consequences of Economic Rhetoric*, New York: Cambridge University Press.
- Klein, M. (2001), *Rainbow's End: The Crash of 1929*, New York: Oxford University Press.
- Kocherlakota, N. (1996), "The equity premium: it's still a puzzle," *Journal of Economic Literature* 34: 42-71.
- Kopprasch, R. (1994), "Option-adjusted spread analysis: going down the wrong path?", *Financial Analysts Journal* (May/June): 48-53.
- Krishnan, H. and N. Mains (2002), "Hedging and diversification among convertible bond arbitrage strategies: an option-based approach," *Derivatives Use, Trading and Regulation* 8: 67-75.
- Kritzman, M. (1994), "What practitioners need to know . . . about time diversification," *Financial Analysts Journal* (Jan./Feb.): 14-18.
- Kritzman, M. (2000), *Puzzles of Finance*, New York: John Wiley.
- Kritzman, M. and S. Page (2002), "Asset allocation versus security selection: evidence from global markets," *Journal of Asset Management* 3: 202-13.
- Kritzman, M. and D. Rich (1998), "Beware of dogma: the truth about time diversification," *Journal of Portfolio Management* (summer): 66-77.
- Kroll, Y., H. Levy and H. Markowitz (1984), "Mean-variance versus Direct Utility Maximization," *Journal of Finance* 39: 47-61.
- Kupiec, P. and A. Kah (1999), "On the origin and interpretation of OAS," *Journal of Fixed Income* (Dec.): 82-92.
- Lakonishok, J., A. Shleifer and R. Vishny (1994), "Contrarian investment, extrapolation and risk," *Journal of Finance* 49: 1541-78.
- Lamoureux, C. and H.D. Witte (2002), "Empirical analysis of the yield curve: the information in the data viewed through the window of Cox, Ingersoll and Ross," *Journal of Finance* 57: 1479-1520.
- Latane, H. (1959), "Criteria for choice among risky ventures," *Journal of Political Economy* (April): 144-55.
- Lawson, T. (1997), *Economics and Reality*, London: Routledge.
- Leamer, E. (1978), *Specification Searches*, New York: John Wiley.
- Lederman, J. and R. Klein (1994), *Global Asset Allocation*, New York: John Wiley.
- Lederman, J. and R. Klein (eds) (1995), *Hedge Funds*, New York: McGraw-Hill.
- Lee, W. (1990), "Diversification and time: do investment horizons matter?", *Journal of Portfolio Management* (spring): 21-26.
- Lefèvre, E. (1923), *Reminiscences of a Stock Operator*, New York: Wiley (reprint 1994).

- Leggio, K. and D. Lien (2003), "An empirical examination of the effectiveness of dollar-cost averaging using downside risk performance measures," *Journal of Economics and Finance* 27: 211-23.
- Leitch, G. and E. Tanner (1991), "Economic forecast evaluation: profits versus the conventional error measures," *American Economic Review* 81: 580-90.
- Leland, H. (1980), "Who should buy portfolio insurance?," *Journal of Finance* 35: 581-96.
- Lettau, M. and S. Ludvigson (2001), "Resurrecting the (C)CAPM: a cross-sectional test when risk premia are time varying," *Journal of Political Economy* 109: 1238-87.
- Levis, M. and M. Liodakis (2001), "Contrarian strategies and investor expectations: the U.K. evidence," *Financial Analysts Journal* (Sept./Oct.): 43-57.
- Levy, M. and H. Levy (2002), "Prospect theory: much ado about nothing?," *Management Science* 48: 1334-49.
- Levy, H. and P. Samuelson (1992), "The capital asset pricing model with diverse holding periods," *Management Science* 38: 1529-42.
- Levy, R. (1966), "Conceptual foundations for technical analysis," *Financial Analysts Journal* (July/Aug.): 83-9.
- Levy, R. (1967), "Relative strength as a criterion for investment selection," *Journal of Finance* 23: 595-610.
- Levy, R. (1968), *The Relative Strength Concept of Common Stock Price Forecasting*, Larchmont, NY: Investor's Intelligence.
- Lewin, C. (1970), "An early book on compound interest: Richard Witt's *Arithmetical Questions*," *Journal of the Institute of Actuaries*: 121-32.
- Liang, B. (2000), "Hedge funds: the living and the dead," *Journal of Financial and Quantitative Analysis* 35: 309-26.
- Lintner, J. (1965), "Security prices, risk, and maximal gains from diversification," *Journal of Finance* (Dec.): 587-615.
- Lintner, J. (1956), "Distribution of incomes of corporations among dividends, retained earnings and taxes," *American Economic Review* 46: 93-113.
- Linton, O., E. Mammen, J. Niels and C. Tanggaard (2001), "Yield curve estimation by kernel smoothing methods," *Journal of Econometrics* 105: 185-201.
- Litterman, R. and J. Scheinkman (1991), "Common factors affecting bond returns," *Journal of Fixed Income* 3: 54-61.
- Litzenberger, R. and K. Ramaswamy (1979), "The effect of personal taxes and dividends on capital asset prices: theory and empirical evidence," *Journal of Financial Economics* 7: 163-95.
- Liu, J., D. Nissim and J. Thomas (2002), "Equity valuation using multiples," *Journal of Accounting Research* 40: 135-72.
- Livingston, M. (1996), *Money and Capital Markets*, 3rd edn, Cambridge, MA: Blackwell.
- Lo, A. and A. MacKinlay (1988), "Stock prices do not follow random walks," *Review of Financial Studies* 1: 41-66.
- Lo, A. and A. MacKinlay (1999), *A Non-Random Walk Down Wall Street*, Princeton, NJ: Princeton University Press.
- Lo, A., H. Mamaysky and J. Wang (2000), "Foundations for technical analysis: computational algorithms, statistical inference and empirical implementation," *Journal of Finance* 55: 1705-70.
- Loeb, G. (1935), *The Battle for Investment Survival*, New York: Simon & Schuster (11th edn, 1965, with the 4th printing by Simon & Schuster in 1993).
- Loistl, O. (1976), "The erroneous approximation of expected utility by means of a Taylor's series expansion: analytic and computational results," *American Economic Review* 66: 904-10.

- Longstaff, F. (1992), "Are negative option prices possible? The callable U.S. Treasury-bond puzzle," *Journal of Business* 65: 571-93.
- Longstaff, F. and E. Schwartz (1995), "A simple approach to valuing risky fixed and floating rate debt," *Journal of Finance* 50: 789-819.
- Lopes, L. (1987), "Between hope and fear: the psychology of risk," *Advances in Experimental Social Psychology* 20: 255-95.
- Lowe, J. (1994), *Benjamin Graham on Value Investing: Lessons from the Dean of Wall Street*.
- Lowenstein, R. (1995), *Buffett*, New York: Random House.
- Luenberger, D. (1969), *Optimization by Vector Space Methods*, New York: Wiley.
- Luenberger, D. (1998), *Investment Science*, New York: Oxford University Press.
- Luhnnow, D. (2003), "Why Corona is big here, and Miller is so scarce in Mexico: beer makers south of the border dominate market using methods that would be illegal in the U.S." *Wall Street Journal* Jan. 17, 2003: B1.
- Lummer, S. and M. Riepe (1994), "Taming your optimizer: a guide through the pitfalls of mean-variance optimization," ch. 1 in Lederman and Klein.
- Macaulay, F. (1938), *The Movement of Interest Rates, Bonds, Yields and Stock Prices in the United States Since 1865*, New York: National Bureau of Economic Research.
- Macedo, R. (1995), "Value, relative strength, and volatility in global equity country selection," *Financial Analysts Journal* (Mar./Apr.): 70-78.
- Malkiel, B. (1990; 1995), *A Random Walk Down Wall Street*, 5th and 6th edns, New York: Norton.
- Malkiel, B. (1995a), "Returns from investing in mutual funds, 1971-1991," *Journal of Finance* 50: 549-72.
- Malkiel, B. (1963), "Equity yields, growth and the structure of share prices," *American Economic Review* 53: 1004-31.
- Malliaris, A. and Brock, W. (1982), *Stochastic Methods in Economics and Finance*, Amsterdam: North Holland.
- Markowitz, H. (1952), "Portfolio selection," *Journal of Finance* 7: 77-91.
- Markowitz, H. (1959), *Portfolio Selection: Efficient Diversification of Investments*, New York: John Wiley.
- Markowitz, H. (1999), "The early history of portfolio theory," *Financial Analysts Journal* (July/August): 5-16.
- S. Mason, R. Merton, A. Perold and P. Tufano (1995), *Cases in Financial Engineering*, Prentice-Hall.
- Massey, P. (1979), "The mutual fund liquidity ratio: a trap for the unwary," *Journal of Portfolio Management* 5: 18-21.
- Mazzeo, M. and W. Moore (1992), "Liquidity costs and stock price response to convertible security calls," *Journal of Business* 65: 353-69.
- McCulloch, J.H. (1971), "Measuring the term structure of interest rates," *Journal of Business* 44: 19-31.
- McCloskey, D. (1985), *The Rhetoric of Economics*, Madison: University of Wisconsin Press.
- McCloskey, D. (1994), *Knowledge and Persuasion in Economics*, Cambridge: Cambridge University Press.
- McGahan, A. (1991), "The emergence of the national brewing oligopoly: competition in the American market, 1933-58," *Business History Review* 65: 229-84.
- McKenna, E. and D. Zannoni (1993), "Philosophical foundations of post-Keynesian economics," *Journal of Post-Keynesian Economics* 15: 395-407.
- McQueen, G., K. Shields and S. Thorley (1997), "Does the 'Dow 10 Investment Strategy' beat the Dow statistically and economically?", *Financial Analysts Journal* (July/Aug.): 66-72.
- Medbery, J. (1870), *Men and Mysteries of Wall Street*, New York: Greenwood Press reprint (1968).

- Mehra, R. and E. Prescott (1986), "The equity premium: a puzzle," *Journal of Monetary Economics* 15: 145–61.
- Merton, R. (1969), "Lifetime portfolio selection: the continuous time case," *Review of Economics and Statistics* 51: 247–57.
- Merton, R. (1971), "Optimal consumption and portfolio rules in a continuous time model," *Journal of Economic Theory* 3: 373–413.
- Merton, R. (1973), "The theory of rational option pricing," *Bell Journal of Economics and Management Science*, 4: 141–83.
- Merton, R. (1973a), "An intertemporal capital asset pricing model," *Econometrica* 41: 867–87.
- Merton, R. (1974), "On the pricing of corporate debt: the risk structure of interest rates," *Journal of Finance* 29: 449–70.
- Merton, R. (1976), "Option pricing when the underlying stock returns are discontinuous," *Journal of Financial Economics*, 125–44.
- Messmore, T. (1990), "The duration of surplus," *Journal of Portfolio Management* (winter): 19–22.
- Meyer, P. (1976), *Un Cours sur les Integrales Stochastiques*, Lecture Notes in Mathematics, no. 511, New York: Springer-Verlag.
- Milevsky, M. and S. Posner (2003), "A continuous-time reexamination of dollar-cost averaging," *International Journal of Theoretical & Applied Finance* 6: 173–95.
- Miller, M. and F. Modigliani (1961), "Dividend policy, growth and the valuation of shares," *Journal of Business* 34: 411–33.
- Modigliani, F. and R. Cohn (1979), "Inflation, rational valuation and the market," *Financial Analysts Journal* 35: 24–44.
- Modigliani, F. and M. Miller (1958), "The cost of capital, corporation finance and the theory of investment," *American Economic Review* 48 (June): 261–97.
- Molodovsky, N., C. May and S. Chottinger (1965), "Common stock valuation," *Financial Analysts Journal* (Mar./Apr.): 104–23.
- Moore, G., P. Johnson and T. Kippola (1999), *The Gorilla Game: Picking Winners in High Technology* (revised edn), New York: Harper.
- Morgan, V. and W. Thomas (1962), *The Stock Exchange*, New York: St Martin's.
- Mortimer, T. (1761), *Everyman His Own Broker; or a Guide to Exchange Alley*, 2nd edn, London: S. Hooper; 18th edition published (1801).
- Mossin, J. (1966), "Equilibrium in a capital asset market," *Econometrica* 34: 261–76.
- Mossin, J. (1973), *Theory of Financial Markets*, Englewood Cliffs, NJ: Prentice-Hall.
- Murphy, J. (1999), *Technical Analysis of the Financial Markets*, Saddle River, NJ: Prentice-Hall.
- Naranjo, A., M. Nilmalendran and M. Ryngaert (1998), "Stock returns, dividend yields and taxes," *Journal of Finance* 53: 2029–57.
- Nawalka, S. (1996), "A contingent claims analysis of the interest rate risk characteristics of corporate liabilities," *Journal of Banking and Finance* 20: 227–45.
- Neill, H. (1954), *The Art of Contrary Thinking*, Caldwell, ID: Caxton Printers.
- Nielson (1985), "Attractive compounds of unattractive investments and gambles," *Scandinavian Journal of Economics* 87: 463–73.
- Nippani, S., P. Liu and C. Schulman (2001), "Are Treasury securities free of default?," *Journal of Financial and Quantitative Analysis* 36: 251–65.
- Nison, S. (1991), *Japanese Candlestick Charting Techniques: A Contemporary Guide to the Ancient Investment Techniques of the Far East*, New York: New York Institute of Finance.
- Nison, S. (1996), "An introduction to Japanese candlestick charts," chapter 13 in Schwager.
- Nofsinger, J. (2002), *The Psychology of Investing*, Upper Saddle River, NJ: Prentice-Hall.
- Nofsinger, J. and R. Sias (1999), "Herding and feedback trading by institutional and individual investors," *Journal of Finance*, 54: 2263–95.

- Noonan, J. (1957), *The Scholastic Analysis of Usury*, Cambridge, MA: Harvard University Press.
- Ofek, E. and M. Richardson (2003), "Dotcom mania: the rise and fall of internet stock prices," *Journal of Finance* 58: 1113-37.
- Ogborn, M. (1962), *Equitable Assurances*, London: Allen and Unwin.
- Oppenheimer, H. (1981), *Common Stock Selection: An Analysis of Benjamin Graham's Intelligent Investor Approach*, Ann Arbor, MI: UMI Research Press.
- Ormiston, M. and J. Quiggin (1994), "Two-parameter decision models and rank-dependent expected utility," *Journal of Risk and Uncertainty* 8: 273-82.
- Palepu, K., P. Healy and V. Bernard (2000), *Business Analysis and Valuation*, Cincinnati: Southwestern.
- Parente, G. and J. Weintraub (1987), "Eurodollar perpetual floating-rate note market: description and analysis," Salomon Bros. Bond Market Research.
- Parker, G. (1974), "The emergence of modern finance in Europe 1500-1730," in C. Cipolla (ed.), ch. 7.
- Partch, M. (1987), "The creation of a class of limited voting common stock and shareholder wealth," *Journal of Financial Economics* 18 (June): 313-39.
- Pastor, L. and R. Stambaugh (2002), "Investing in equity mutual funds," *Journal of Financial Economics* 63: 351-80.
- Pearson, E.S. (ed.) (1978), *The History of Statistics in the 17th and 18th Centuries, Lectures by Karl Pearson*, London: Charles Griffen.
- Pearson, N. and T. Sun (1994), "Explaining the conditional density in estimating the term structure: an application of the Cox, Ingersoll and Ross Model," *Journal of Finance* 49: 1279-1304.
- Peköz, E. (2002), "Samuelson's fallacy of large numbers and optional stopping," *Journal of Risk and Insurance* 69: 1-7.
- Penman, S. (2001), *Financial Statement Analysis and Security Valuation*, New York: McGraw-Hill.
- Penman, S. and T. Sougiannis (1998), "A comparison of dividend, cash flow and earnings approaches to equity valuation," *Contemporary Accounting Research* 15: 343-83.
- Phoa, W. (1997), "Can you derive volatility forecasts from the yield curve convexity bias?," *Journal of Fixed Income* (June): 43-54.
- Phoa, W. and M. Sheaver (1997), "A note on arbitrary yield curve reshaping sensitivities using key rate durations," *Journal of Fixed Income* (December): 67-71.
- Piotrosky, J. (2000), "Value investing: the use of historical financial statement information to separate winners from losers," *Journal of Accounting Research* 38: 1-41.
- Plosser, C. and K.G. Rouwenhorst (1994), "International term structure and real economic growth," *Journal of Monetary Economics* 33: 133-55.
- Poitras, G. (1998), "Spread options, exchange options and arithmetic Brownian motion," *Journal of Futures Markets* 18: 487-517.
- Poitras, G. (2000), *The Early History of Financial Economics, 1478-1776*, Aldershot, UK: E. Elgar.
- Poitras, G. (2002), *Risk Management, Speculation and Derivative Securities*, New York: Academic Press.
- Poitras, G. (2002a), "The philosophy of investment: a post-Keynesian perspective," *Journal of Post-Keynesian Economics* 25: 105-21.
- Poitras, G. (2004), "Immunization bounds for non-parallel yield curve shifts," *Journal of Financial Research* (forthcoming).
- Poitras, G. and J. Heaney (1999), "Skewness preference, mean-variance and the optimal demand for put options," *Managerial and Decision Economics* 20: 327-42.
- Poitras, G., T. Wilkins and Y. Kwan (2002b), "Earnings management and the timing of asset sales," *Journal of Business, Finance and Accounting* 29: 903-34.

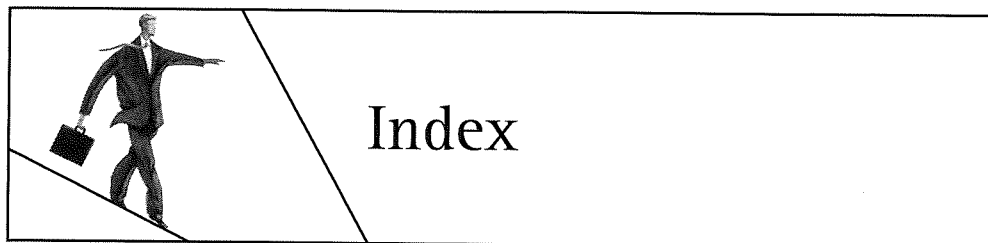
- Porter, M. (1980), *Competitive Strategy*, New York: Free Press.
- Porter, M. (1985), *Competitive Advantage*, New York: Free Press.
- Pratt, J. and R. Zeckhauser (1987), "Proper risk aversion," *Econometrica* 55: 143–54.
- Presidential Working Group on Financial Markets (1999), *Report: "Hedge funds, leverage and the lessons of long-term capital management,"* Washington, DC: US Government Printing Office.
- Prisman, E. (1986), "Immunization as a maxmin strategy: a new look," *Journal of Banking and Finance* 10: 491–509.
- Ragsdale, E. and G. Rao (1994), "Tactical asset allocation at Kidder, Peabody," chapter 12 in Lederman and Klein (1994).
- Rapach, D. (2001), "Macro shocks and real stock prices," *Journal of Economics and Business* 53: 5–26.
- Rapach, D. (2002), "The long-run relationship between inflation and real stock prices," *Journal of Macroeconomics* 24: 331–51.
- Rappaport, A. (1986), *Creating Shareholder Value: The New Standard for Business Performance*, New York: Free Press.
- Rappaport, A. and M. Maboussin (2001), *Expectations Investing: Reading Stock Prices for Better Returns*, Boston: Harvard Business School Press.
- Ready, M. (2002), "Profits from technical trading rules," *Financial Management* 31: 43–62.
- Redington, F. (1952), "Review of the principles of life office valuations," *Journal of the Institute of Actuaries* 78: 286–340.
- Reitano, R. (1991a), "Multivariate duration analysis," *Transactions of the Society of Actuaries* 43: 335–91.
- Reitano, R. (1991b), "Multivariate immunization theory," *Transactions of the Society of Actuaries* 43: 392–438.
- Reitano, R. (1992), "Non-parallel yield curve shifts and immunization," *Journal of Portfolio Management* (spring): 36–43.
- Reitano, R. (1996), "Non-parallel yield curve shifts and stochastic immunization," *Journal of Portfolio Management* (winter): 71–8.
- Rendleman, R. and B. Bartter (1980), "The pricing of options on debt securities," *Journal of Financial and Quantitative Analysis* 15: 11–24.
- Renkenthaler, J. (1999), "Strategic asset allocation: make love, not war," *Journal of Financial Planning* 12 (Sept.): 32–4.
- Rhea, R. (1932), *The Dow Theory*, New York: Barrons.
- Ritchken, P. (1987), *Options: Theory, Strategy and Applications*, London: Scott, Foresman.
- Ritter, J. and R. Warr (2002), "The decline of inflation and the bull market of 1982–1999," *Journal of Financial and Quantitative Analysis* 37: 29–61.
- Rogers, L. and D. Williams (1987), *Diffusions, Markov Processes and Martingales: Ito Calculus*, vol. 2, New York: Wiley.
- Roll, R. (1973), "Evidence on the 'growth-optimum' model," *Journal of Finance* 28: 551–66.
- Roll, R. (1978), "Ambiguity when performance is measured by the security market line," *Journal of Finance* 33: 1051–69.
- Ronan, C. (1978), "Edmond Halley," in *Dictionary of Scientific Biography*, C. Gillespie (ed.), vol. 6, New York: Scribner, pp. 67–72.
- Ross, S. (1999), "Adding risks: Samuelson's fallacy of large numbers revisited," *Journal of Financial and Quantitative Analysis* 34: 323–39.
- Roy, A. (1952), "Safety first and the holding of assets," *Econometrica* 20: 431–49.
- Ruback, R. (2002), "Capital cash flows: a simple approach to valuing risky cash flows," *Financial Management* 31: 85–104.

- Rubinstein, M. (1985), "Alternative paths to portfolio insurance," *Financial Analysts Journal* (July/Aug.): 42-51.
- Rubinstein, M. (2002), "Markowitz's 'portfolio selection': a fifty-year retrospective," *Journal of Finance* 57: 1041-6.
- Rubinstein, M. (2003), "Great moments in financial economics," *Journal of Investment Management* 2: 16-31.
- Rubinstein, R. and H. Leland (1981), "Replicating options with positions in stock and cash," *Financial Analysts Journal* (July/Aug.): 63-72.
- Russell, R. (1960), *The Dow Theory Today*, New York: R. Russell Associates.
- Samuelson, P. (1945), "The effect of interest rate increases on the banking system," *American Economic Review* (March): 16-27.
- Samuelson, P. (1963), "Risk and uncertainty: a fallacy of large numbers," *Scientia* (April/May): 1-6.
- Samuelson, P. (1965), "The rational theory of warrant pricing," *Industrial Management Review* 6: 13-31.
- Samuelson, P. (1969), "Lifetime portfolio selection by stochastic dynamic programming," *Review of Economics and Statistics* 51: 239-46.
- Samuelson, P. (1971), "The 'fallacy' of maximizing the geometric mean in a long sequence of investing or gambling," *Proceedings of the National Academy of Sciences* 68: 2493-6.
- Samuelson, P. (1990), "Asset allocation could be dangerous to your health," *Journal of Portfolio Management* 17 (spring): 5-8.
- Samuelson, P. (1994), "The long-term case for equities," *Journal of Portfolio Management* 21: 15-24.
- Santoni, G. (1987), "The great bull markets of 1924-29 and 1982-87: speculative bubbles or economic fundamentals?", Federal Reserve Bank of St. Louis *Economic Review* (November): 16-29.
- Sarkar, S. (1999), "Duration and convexity of zero-coupon convertible bonds," *Journal of Economics and Business* 51: 175-92.
- Sass, T. and D. Saurman (1993), "Mandated exclusive territories and economic efficiency," *Journal of Law and Economics* 36: 153-77.
- Savage, L. (1954), *The Foundations of Statistics*, New York: Wiley.
- Schabacker, R. (1930), *Stock Market Theory and Practice*, New York: B.C. Forbes.
- Scherer, F. (1996), *Industry Structure, Strategy and Public Policy*, New York: Harper Collins.
- Scherer, F. and D. Ross, *Industrial Market Structure and Economic Performance*, Boston: Houghton Mifflin.
- Schilit, H. (2002), *Financial Shenanigans*, 2nd edn, New York: McGraw-Hill.
- Schneeweis, T. and R. Spurgin (1998), "Multifactor analysis of hedge funds, managed futures, and mutual fund return and risk characteristics," *Journal of Alternative Investments* 1: 1-24.
- Schwager, J. (1996), *Technical Analysis*, New York: John Wiley.
- Schwartz, E. (1982), "The pricing of commodity-linked bonds," *Journal of Finance* 37: 525-39.
- Schwed, F. (1940), *Where Are the Customers' Yachts?: Or a Good Hard Look at Wall Street*, New York: John Wiley (1995 reprint).
- Sears, R. and G. Trennepohl (1983), "Diversification and skewness in option portfolios," *Journal of Financial Research* 6: 199-212.
- Sharpe, S. (2002), "Reexamining stock valuation and inflation: the implications of analysts' earnings forecasts," *Review of Economics and Statistics* 84: 632-48.
- Sharpe, W. (1963), "A simplified model of portfolio analysis," *Management Science* 9: 277-93.
- Sharpe, W. (1964), "Capital asset prices: a theory of market equilibrium under conditions of risk," *Journal of Finance* (Sept.): 425-42.

- Shefrin, H. (2000), *Beyond Greed and Fear, Understanding Behavioral Finance and the Psychology of Investing*, Boston: Harvard Business School Press.
- Shefrin, H. and M. Statman (1984), "The disposition to sell winners too early and ride losers too long: theory and evidence," *Journal of Finance* 40: 777-90.
- Shefrin, H. and M. Statman (2000), "Behavioral portfolio theory," *Journal of Financial and Quantitative Analysis* 35: 127-51.
- Siegel, J. (1998), *Stocks for the Long Run: The Definitive Guide to Financial Market Returns and Long-Term Investment Strategies*, 2nd edn, New York: McGraw-Hill.
- Simaan, V. (1993), "Portfolio selection and asset pricing: three parameter framework," *Management Science* 39: 568-77.
- Smith, E. (1925), *Common Stocks as Long-Term Investments*, New York: Macmillan.
- Smith, E. (1927), "Market value of industrial equities," *Review of Economics and Statistics* 9: 37-40.
- Smith, E. (1931), "Tests applied to an index of the price level for industrial stocks," *Journal of The American Statistical Association* (supplement March): 127-35.
- Sorensen, E. and D. Williamson (1985), "Some evidence on the value of the dividend discount model," *Financial Analysts Journal* 41: 60-9.
- Sortino, F. and L. Price (1994), "Performance measurement in a downside risk framework," *Journal of Investing* 3: 59-64.
- Sortino, F., R. van der Meer and A. Plantinga (1999), "The Dutch triangle: a framework to measure upside potential relative to downside risk," *Journal of Portfolio Management* 26: 50-8.
- Springsteel, I. (2002), "The covert boomerang," *Investment Dealers Digest*, Mar. 11: 1.
- Stansbury, C. (1960), *The Dow Theory Explained*, New York: R. Russell Associates.
- Statman, M. (1995), "Behavioral framework for dollar-cost-averaging," *Journal of Portfolio Management* 22: 70-8.
- Statman, M. (2001), "How important is asset allocation?", *Journal of Asset Management* 2: 128-35.
- Stattman, D. (1980), "Book values and expected stock returns," unpublished MBA Honors paper, University of Chicago.
- Statman, M. and J. Scheid (2002), "Buffett in foresight and hindsight," *Financial Analysts Journal* (July/Aug.): 11-18.
- Stickney, C. (1997), "The academic's approach to securities research: is it relevant to the analyst?," *Journal of Financial Statement Analysis* (summer): 52-60.
- Stigum, M. (1990), *The Money Market*, 2nd edn, Homewood, IL: Dow Jones-Irwin.
- Stoll, H. and R. Whalley (1993), *Futures and Options*, Cincinnati: SouthWestern.
- Sullivan, R., A. Timmermann and H. White (1999), "Data-snooping, technical trading rule performance, and the bootstrap," *Journal of Finance* 54: 1647-1691.
- Sundaresan, S. (2002), *Fixed Income Markets and Their Derivatives*, 2nd edn, Cincinnati, OH: South-Western.
- Sutton, M. (2002), "Financial reporting at a crossroads," *Accounting Horizons* 16: 319-28.
- Telser, L. (1955), "Safety first and hedging," *Review of Economic Studies* 23: 1-16.
- Thomas, L. and R. Willner (1997), "Measuring the duration of an internationally diversified bond portfolio," *Journal of Portfolio Management* (fall): 93-9.
- Thomis, M. (1970), *The Luddites: Machine-breaking in Regency England*, Hamden, CN: Archon Books.
- Tilley, J. (1993), "Valuing American options in a path simulation model," *Transactions of the Society of Actuaries* 45: 83-104.
- Tobin, J. (1958), "Liquidity preference as behavior towards risk," *Review of Economic Studies* 25: 62-85.

- Tosini, P. (1988), "Stock index futures and stock market activity in October 1987," *Financial Analysts Journal* (Jan./Feb.): 28-37.
- Tracy, J. (1985), *A Financial Revolution in the Hapsburg Netherlands*, Los Angeles: University of California Press.
- Treynor, J. and R. Ferguson (1985), "In defense of technical analysis," *Journal of Finance* 40: 757-76.
- Tversky, A. and D. Kahneman (1992), "Advances in prospect theory: cumulative representation of uncertainty," *Journal of Risk and Uncertainty* 5: 297-323.
- US Department of Transportation (1996), *The Low Cost Airline Service Revolution*, Washington, DC: Government Printing Office.
- Vaidya, S., G. Poitras and A. Talib (1995), "International accounting implications of bond-cum-warrant issues," *International Journal of Accounting* 30: 25-36.
- van Horne, J. (2001), *Financial Market Rates and Flows*, 6th edn, Upper Saddle River, NJ: Prentice-Hall.
- Vasicek, O. (1977), "An equilibrium characterization of the term structure," *Journal of Financial Economics* 5: 177-88.
- Vaughan, E. (1982), *Fundamentals of Risk and Insurance*, New York: Wiley.
- Vaughan, T. (2002), "The NAIC's 2002 agenda: toward a more efficient system of insurance regulation," *Journal of Insurance Regulation* 20: 251-70.
- Vega, J. de la (1688), *Confusion de Confusiones* reprinted in Fridson, M. (ed.) (1996).
- Velde, F. and D. Weir (1992), "The financial market and government debt policy in France, 1746-1793," *Journal of Economic History* 52: 1-39.
- Viceira, L. (2001), "Optimal portfolio choice for long-horizon investors with nontradable labor income," *Journal of Finance* 56: 433-70.
- Victor, R. (1998), "Contrived competition: airline regulation and deregulation," *Business History Review* 64: 61-108.
- Visscher, S. and G. Fillbeck (2003), "Dividend-yield strategies in the Canadian stock market," *Financial Analysts Journal* (Jan./Feb.): 99-106.
- von Neumann, J. and O. Morgenstern (1947), *Theory of Games and Economic Behavior*, Princeton: Princeton University Press.
- Vora, P. and J. McGinnis (2000), "The asset allocation decision in retirement: lessons from dollar-cost averaging," *Financial Services Review* 9: 47-63.
- Vu, J. (1986), "An empirical investigation of non-convertible bonds," *Journal of Financial Economics* 16: 235-65.
- Weatherford, L. and P. Belobaba (2002), "Revenue impacts of fare input and demand forecast accuracy in airline yield management," *Journal of the Operational Research Society* 53: 811-21.
- Weaver, S. (2001), "Measuring economic value added: a survey of the practices of EVA proponents," *Journal of Applied Finance* (fall/winter): 3-9.
- Weintraub, R. (1991), *Stabilizing Dynamics: Constructing Economic Knowledge*, Cambridge: Cambridge University Press.
- Weir, D. (1989), "Tontines, public finance and revolution in France and England, 1688-1789," *Journal of Economic History* 49 (Mar.): 95-124.
- Weiss, L. (1990), "Bankruptcy resolution: direct costs and violation of priority claims," *Journal of Financial Economics* 27: 285-314.
- Wendt, L. (1982), *The Wall Street Journal: The Story of the Dow Jones and the Nation's Business Newspaper*, Chicago: Rand McNally.
- Weston, J., J. Siu and B. Johnson (2001), *Takeovers, Restructuring and Corporate Governance*, Upper Saddle River, NJ: Prentice-Hall.

- Whitman, M. (1999), *Value Investing*, New York: John Wiley.
- Wilder, J. (1978), *New Concepts in Technical Trading Systems*, Winston-Salem, NC: Hunter Publishing.
- Williams, J.B. (1938), *The Theory of Investment Value*, Cambridge, MA: Harvard University Press.
- Wilson, C. (1941), *Anglo-Dutch Commerce and Finance in the Eighteenth Century*; reprinted by Cambridge University Press: London (1966).
- Wilson, R. and F. Fabozzi (1996), *Corporate Bonds, Structures and Analysis*, New Hope, PA: Frank Fabozzi Associates.
- Windas, T. (1993), *An Introduction to Option-Adjusted Spread Analysis*, New York: Bloomberg.
- Withers, H. (1911), *Stocks and Shares*, London: Smith, Elder and Co.
- Witt, R. (1613), *Arithmetically Questions*, London: Richard Redmer.
- Wolf, M. (2000), "Stock returns and dividend yields revisited: a new way to look at an old problem," *Journal of Business and Economic Statistics* 18: 18–30.
- Wu, C. and X. Wang (2000), "The predictive ability of dividends and earnings yields for long-term stock returns," *Financial Review* 35: 97–124.
- Wu, X. (2000), "A new stochastic duration based on the Vasicek and CIR term structure theories," *Journal of Business, Finance and Accounting* 27: 911–32.
- Wu, Y. and H. Zhang (1996), "Mean reversion in interest rates: new evidence from a panel of OECD countries," *Journal of Money, Credit and Banking* 28: 604–21.
- Wyckoff, R. (1910), *Studies in Tape Reading*, Burlington, VT: Fraser Publishing.
- Wyckoff, R. (1930), *Wall Street Ventures and Adventures Through Forty Years*, New York: Harper and Row, reprinted by Greenwood Press: New York (1968).
- Wyckoff, R. (1933), *Stock Market Technique, Number One*, New York: Wyckoff Associates.
- Yook, K. and McCabe (2001), "MVA and the cross-section of expected stock returns," *Journal of Portfolio Management* 27: 75–87.
- Young, W. and T. Roberts (1969), "Geometric mean approximations of individual securities and portfolio performance," *Journal of Financial and Quantitative Analysis* 4: 179–99.



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