

## WILLIAM THOMAS ZIEMBA

June 2020

### PUBLICATIONS

#### B – Selected Books, Published and In Progress

- B1. Ziembra, W.T., Vickson, R.G., Eds. (1975) *Stochastic Optimization Models in Finance*, Academic Press, July, 744 pages (388 pages reprinted and 356 pages new). 2<sup>nd</sup> edition with new preface, World Scientific, Singapore, 2006.
- B2. Ziembra, W.T., Akatay, A., Schwartz, S.L. (1979) *Turkish Flat Weaves*, Scorpion Publications Ltd., London, 144 pages.
- B3. Ziembra, W.T., Schwartz, S.L. Koenigsberg, E., Eds. (1980) *Energy Policy Modeling: United States and Canadian Experiences; Vol. I: Specialized Energy Policy Models*, Martinus Nijhoff Publishing, Boston, April, 396 pages.
- B4. Ziembra, W.T., Schwartz S.L., Eds.(1980) *Energy Policy Modeling; United States and Canadian Experiences: Vol.II: Integrative Energy Policy Models*, Martinus Nijhoff Publishing, Boston, May, 378 pages.
- B5. Schaible, S., Ziembra, W.T., Eds. (1981) *Generalized Concavity in Optimization and Economics*, Academic Press, November, 780 pages.
- B6. Hausch, D.B., Ziembra, W.T., (1984) *Beat the Racetrack*, Harcourt, Brace and Jovanovich (432 pages); revised and expanded 2<sup>nd</sup> edition titled *Dr Z's Beat the Racetrack*, William Morrow, 1987, 524 pages. Both re-issued in hardback and paperback in 2018, 2019 by Echo Books.
- B7. Ziembra, W.T., Hausch, D.B.(1985) *Betting at the Racetrack*, Dr. Z Investments, Los Angeles, November, 176 pages; 2nd edition, Norris Strauss, New York, November 1986, 140 pages.
- B8. Ziembra, W.T., Brumelle, S.L., Gautier, A., Schwartz, S.L (1986) *Dr. Z's 6/49 Lotto Guidebook*, Dr. Z Investments, Los Angeles, June, 124 pages
- B9. Amershi, A., Feltham, J., Ziembra, W.T., Eds.(1988) *Economic Analysis of Information and Contracts: Essays in Honour of John E. Butterworth*, Kluwer Academic Publishers, Boston, July, 415 pages.
- B10. Ziembra, W.T. and Schwartz, S.L, (1991) *Invest Japan: The Structure, Performance and Opportunities of Japan's Stock, Bond and Fund Markets*, Probus Publishing, Chicago, November, 596 pages
- B11. Ziembra, W.T., Bailey, W., Hamao, Y.. Eds. (1991), *Japanese Financial Market Research*, North Holland Publishers, Amsterdam, December, 616 pages.
- B12. Ziembra, W.T., Schwartz, S.L., *Power Japan: How and Why the Japanese Economy Works*, Probus Publishing, Chicago, August 1992, 385 pages.
- B13. Hausch, D.B., Lo, V., Ziembra, W.T., Eds., (1994) *Efficiency of Racetrack Betting Markets*, Academic Press, 648 pages, reprinted in 2008 by World Scientific with a new preface.
- B14. Jarrow, R.A., Maksimovic, V., Ziembra, W.T., Eds. (1995) *Finance*, North Holland Handbook Series, December, 1165 pages. Reprinted in Japanese, 1998, and in Chinese, 2002.
- B15. Keim, D.B., Ziembra, W.T., Eds. (2000) *Security Market Imperfections in World Wide Equity Markets*, Cambridge University Press, 531 pages (reprinted in Chinese, 2003).
- B16. Ziembra, W.T., Mulvey, J.M., Eds (1998)., *Asset and Liability Management from a Global Perspective*, Cambridge University Press, 665 pages, and in Chinese, 2003. [A review by Ton Vorst is in the *Journal of Finance*]
- B17. Wets, R.J.B., Ziembra, W.T., Eds.,(1999) *Stochastic Programming - State of the Art 1998*, (main lectures VIII International Conference on Stochastic Programming), Baltzer Science Publishers BV (Special Issue Annals of Operations Research), March, 285 pages.

- B18. Birge, J.B., Edirisinghe, N.C.P., Ziemba, W.T., Eds. (2001) *Research in Stochastic Programming* (selected, refereed papers from the VIII International Conference on Stochastic Programming), Baltzer Science Publishers BV (Special Issue Annals of Operations Research), June, 306 pages.
- B19. Ziemba, W.T. (2003), *The Stochastic Programming Approach to Asset Liability and Wealth Management*, AIMR, December, 192 pages plus 72-page appendix. [A review by Alan King is in *Interfaces April 2006*]
- B20. Wallace, S.W., Ziemba, W.T., Eds (2005). *Applications of Stochastic Programming*, SIAM - Mathematical Programming Society Series on Optimization, 707 pages.
- B21. Zenios, S.A., Ziemba, W.T., Eds, (2006) *Handbook of Asset and Liability Modeling*, North Holland Volume 1: *Theory and Methodology*, pages 1-487.  
Volume 2: *Applicaitons and Case Studies*, June 2007, pages 489-1147.
- B22. Ziemba, R.E.S. and Ziemba, W.T., (2007) *Scenarios for Risk Management and Global Investment Strategies*, Wiley, November, in UK and January 2008 in US, 315 pages.
- B23. Hausch, D. B., Ziemba, W.T., Eds, (2008) *Handbook of Sports and Lottery Markets*, North Holland Handbooks in Finance Series, September, 536 pages.
- B24. MacLean, L.C., E. O. Thorp, Ziemba, W.T., Eds., (2011) *The Kelly Capital Growth Criterion: Theory and Practice*, World Scientific, (hardback) 2012 (paperback), 853 pages.
- B25. Bertocchi, M., Schwartz, S.L., Ziemba, W.T., Eds. (2010) *Optimizing the Aging, Retirement and Pensions Dilemma*, Wiley, February, 411 pages; 2<sup>nd</sup> Edition 2015.
- B26. Ziemba, W.T. (2012) *Calendar Anomalies and Arbitrage*, World Scientific, 586 pages.
- B27. Gassman, H. I. and W. T. Ziemba, Eds. (2012) *Stochastic Programming Applications in Finance, Energy and Production*, World Scientific, 518 pages
- B28. MacLean, L.C., Ziemba, W.T., Eds. (2013) *Handbook of the Fundamentals of Financial Decision Making* (2 volumes), World Scientific, 891 pages.
- B29. Ziemba, R.E.S., Ziemba, W.T. (2013) *Investing in the Modern Age*, some Wilmott columns revised and expanded, 2007-2012, World Scientific (hardback and paperback), 563 pages.
- B30. Malliaras, A.G., Ziemba, W.T. Eds. (2015) *Handbook of Futures Markets*, World Scientific.
- B31. Ziemba, W.T., *Collected Works* (5 volumes) to include volumes on Portfolio Theory and Applications, Asset Liability Management, and Stochastic Programming: Theory and Applications, World Scientific, in preparation.
- B32. Ziemba, W.T. (ed) (2016) *Great investment ideas*, World Scientific
- B33. Ziemba, W. T. (2017) *The adventures of a modern renaissance academic in gambling and investment*, World Scientific
- B34. MacLean, L.C , Ziemba, W. T. (eds) (2017) *Problems in the theory of financial decision making and stochastic optimization models in finance*, World Scientific
- B35. Ziemba, W.T., Lleo, S. and Zhitlukhin, M (2017) *Stock market crashes: predictable and unpredictable and what to do about them*, World Scientific
- B36. Ziemba, W. T. (2019) *Exotic betting at the racetrack*, World Scientific
- B37. Ashenfelter, O. Gergaud, O, Storchmann, K and Ziemba, W T (eds) (2018) *Handbook of the Economics of Wine*, World Scientific (2 volumes)
- B38. Ziemba, W.T. and MacLean, L.C. (2018) *Dr Z's NFL Guidebook*, World Scientific
- B39. D'Eclessia, R., Zenios, S. and Ziemba, T. (2019) *Memorial volume to honor Marida Bertocchi*, World Scientific
- B40. Guerard, J and Ziemba, W.T. (2020) *Handbook of applied investment research*, World Scientific, forthcoming

- B41. Ziemba, W.T. (2020) *Handbook of Portfolio Theory and Practice*, forthcoming
- B42. Ziemba, W.T. (2020) *Investing and Gambling in Sports and Financial Markets*, forthcoming

#### **J – Selected Published Journal Articles**

- J1 Ziemba, W.T., (1969) A Myopic Capital Budgeting Model, *Journal of Financial and Quantitative Analysis* IV: 305-328.
- J2 Ziemba, W.T., (1970) Computational Algorithms for Convex Stochastic Programmes with Simple Recourse, *Operations Research* XVIII: 414-431.
- J3 Ziemba, W.T., (1970) Stochastic Programming Models of Dynamic Planning Problems," *Economic Computation and Economic Cybernetics (Studies and Research)* 3: 67-85.
- J4 Ziemba, W.T. (1971) Transforming Stochastic Dynamic Programming Problems into Nonlinear Programmes, *Management Science* XVIII: 450-462.
- J5 Ziemba, W.T. (1971) Duality Relations, Certainty Equivalents and Bounds for Convex Stochastic Programmes with Simple Recourse, *Cahiers du Centre d'Etudes de Recherche Operationnelle* XIII: 85-97.
- J6 Ziemba, W.T. (1971) A Note on Economic Policy under Uncertainty, *Socio Economic Planning Sciences* V: 407-410.
- J7 Forbes, J.D., Ziemba, W.T. (1971) Estimation of Super Market Drawing Power: An Extension of Location Theory and Practice, *Annals of Regional Science* V: 112-125.
- J8 Warburton, A., Ziemba, W.T. (1971) Convex Inversion, *Journal of Mathematical Analysis and Application* XXXIV: 58-66.
- J9 Ziemba, W.T. (1972) Solving Nonlinear Programming Problems with Stochastic Objective Functions, *Journal of Financial and Quantitative Analysis* VII: 1809-1827.
- J10 Ziemba, W.T., (1972) Note on 'Optimal Growth Portfolios when Returns are Serially Correlated', *Journal of Financial and Quantitative Analysis* VII: 1995-2000.
- J11 Ziemba, W.T., Parkan, C., Brooks-Hill, F.J. (1974) Calculation of Investment Portfolios with Risk Free Borrowing and Lending, *Management Science* XXI: 209-222.
- J12 Ziemba, W.T., Butterworth, J.E. (1974) Bounds on the Value of Information in Uncertain Decision Problems, *Stochastics* IV: 1-18.
- J13 Ziemba, W.T. (1974) Note on the Behavior of a Firm Subject to Stochastic Regulatory Review, *Bell Journal of Economics and Management Sciences*: 710-712.
- J14 Ohlson, J.A., Ziemba, W.T. (1976) Optimal Portfolio Policies for an Investor with a Power Utility Function Facing a Log Normal Securities Market, *Journal of Financial and Quantitative Analysis* XI: 57-71.
- J15 Huang, C.C., Wehrung, D.A., Ziemba, W.T. (1976) A Homogeneous Distribution Problem with Applications to Finance, *Management Science* XXIII: 297-304.
- J16 Ziemba, W.T., (1977) Multiperiod Consumption-Investment Decisions: Further Comments, *American Economic Review* LXVII: 766-767.
- J17 Huang, C.C., Vertinsky, I., Ziemba, W.T. (1977) Sharp Bounds on the Value of Perfect Information, *Operations Research* XXV: 128-139.
- J18 Huang, C.C., Ziemba, W.T., Ben-Tal, A. (1977) Bounds on the Expectation of a Convex Function of a Random Variable: With Applications to Stochastic Programming, *Operations Research* XXV: 315-325.
- J19 Huang, C.C., Vertinsky, I., Ziemba, W.T. (1978) On Multiperiod Stochastic Dominance, *Journal of Financial and Quantitative Analysis* XIII: 1-13.

- J20 Kira, D., Ziemba, W.T., (1980) The Demand for a Risky Asset, *Management Science* XXVI: 1158-1165
- J21 Kallberg, J.G., Ziemba, W.T. (1979) On the Robustness of the Arrow-Pratt Risk Aversion Index, *Economic Letters* II: 21-26.
- J22 Hausch, D.G., Ziemba, W.T., Rubinstein, M.E. (1981) Efficiency of the Market for Racetrack Betting, *Management Science* XXVII: 1435-1452.
- J23 Kallberg, J.G., White, R., Ziemba, W.T., (1982) Short Term Financial Planning Under Uncertainty, *Management Science* XXVIII: 670-682.
- J24 Hausch, D.B., Ziemba, W.T. (1983) Bounds on the Value of Information in Uncertain Decision Problems, II, *Stochastics* X: 181-217.
- J25 Kallberg, J.G., Ziemba, W.T., (1983) Comparison of Alternative Utility Functions in Portfolio Selection Problems, *Management Science* XXIX: 1257-1276.
- J26 Judah, S., Ziemba, W.T., (1983) Three Person Baccarat, *Operations Research Letters* II: 187-192
- J27 Schwartz, S.L., Fuller, D., Ziemba, W.T. (1985) Long Run Effects of the National Energy Agreements, *Energy Journal* VI: 63-77.
- J28 Hausch, D.B., Ziemba, W.T. (1985) Transactions Costs, Entries and Extent of Inefficiencies in a Racetrack Betting Model, *Management Science* XXXI: 381-394.
- J29 Schable, S., Ziemba, W.T. (1986) On the Concavity of the Sum of Lognormals in Lognormal Approximation in Portfolio Theory," *Zeitschrift fur Operations Research* XXIX: 161-186.
- J30 Gassmann, H., Ziemba, W.T. (1986) A Tight Upper Bound for the Expectation of a Convex Function of a Multivariate Random Variable, *Mathematical Programming Study, Recent Advances in Stochastic Programming* XXVII: 39-53.
- J31 Kusy, M.I., Ziemba, W.T. (1986) A Bank Asset and Liability Management Model, *Operations Research* XXXIV: 356-376.
- J32 Sick G., Ziemba, W.T. (1986) Review of 'Arbitrage Theory: Introductory Lectures on Arbitrage-Based Financial Asset Pricing by J.E.M. Wilhelm" *European Journal of Operations Research* XXVII: 255-256.
- J33 Ziemba, W.T., Canfield, B., Fauman, B. (1987) Efficient Market Adjustment of Odds Prices to Reflect Track Biases, *Management Science* XXXIII: 1428-1439.
- J34 Ziemba, W.T. (1988) Synopsis of 'Playing the Turn of the Year Effect with Index Futures'", *OR/MS Today* XV: 37-38.
- J35 Clark, R., Ziemba, W.T. (1988) Playing the Turn-of-the-Year Effect with Index Futures, *Operations Research* XXXV: 799-813.
- J36 Thaler, R.H., Ziemba, W.T. (1988) Parimutuel Betting Markets: Racetracks and Lotteries, *Journal of Economic Perspectives* II: 161-174.
- J37 Ziemba, W.T. (1988) Discussion of 'The Buying and Selling Behavior of Individual Investors at the Turn of the Year' by Jay R. Ritter, *Journal of Finance* XLIII: 717-719.
- J38 Li, Y., Ziemba, W.T. (1989) Characterizations of Optimal Portfolios by Univariate and Multivariate Risk Aversion, *Management Science*, XXXV : 259-269.
- J39 Hausch, D.B., Ziemba, W.T. (1990) Arbitrage Strategies for Cross Track Betting on Major Horseraces, *Journal of Business*, LXIII, 61-78.
- J40 Hausch, D.B., Ziemba, W.T. (1990) Locks in Racetrack Minus Pools, *INTERFACES*, May-June, 41-48.
- J41 Li, Y., Ziemba, W.T. (1990) Rules for Diversification by All Risk Averters," *Journal of Economics and Business*, Fall special issue, 165-170.

- J42 Ziembra, W.T., Schwartz, S.L. (1991) The Growth in the Japanese Stock Market, 1949-90 and Prospects for the Future, *Managerial and Decision Economics*, 12 183-195.
- J43 Ziembra, W.T (1991) Fundamental Factors in Japanese Stock Returns, 1979 to 1989, *Investing*, Winter, 73-79.
- J44 MacLean, L.C., Ziembra, W.T (1991) Growth-Security Profiles in Capital Accumulation Under Risk, *Annals of Operations Research*, 31, 501-510.
- J45 Ziembra, W.T. (1991) Japanese Security Market Regularities: Monthly, Turn of the Month and Year, Holiday and Golden Week Effects, *Japan and the World Economy*, 3, 119-146
- J46 Edirisinghe, N.C.P., Ziembra, W.T. (1992) Bounds for Stochastic Programmes with Recourse, *Operations Research*, 40, 660-677.
- J47 Markowitz, H.M., Schaible, S., Ziembra, W.T. (1992) An Algorithm for Portfolio Selection in a Lognormal Market, *International Journal of Financial Analysis*, 1 (2): 109-113.
- J48 MacLean, L. C., W. T. Ziembra, and G. Blazenko (1992). Growth versus security in dynamic investment analysis. *Management Science* 38, 1562-85.
- J49 Ziembra, W.T. (1993) Comment on 'Why a Weekend Effect?' *Journal of Portfolio Management*, Winter, 93-99.
- J50 Chopra, V., Ziembra, W.T. (1993) The Effect of Errors in Mean and Co-Variance Estimates on Optimal Portfolio Choice, *Journal of Portfolio Management*, Winter 6-11.
- J51 Stone, D. Ziembra, W.T. (1993) Land and Stock Prices in Japan, *Journal of Economic Perspectives*, Summer, 149-165.
- J52 Ziembra, W.T. (1994) Worldwide Security Market Regularities, *European Journal of Operational Research*, 74, 198-229.
- J53 Li, Y., Ziembra, W.T. (1993) Univariate and Multivariate Measures of Risk Aversion and Risk Premiums," *Financial Engineering*, special issue of Annals of Operations Research, 45, 265-296.
- J54 Edirisinghe, N.C.P., Ziembra, W.T (1994) Bounds for Two-Stage Stochastic Programs with Fixed Recourse, *Mathematics of Operations Research*, 19, 292-313.
- J55 Cariño, D. et al., Ziembra, W.T. (1994) The Russell-Yasuda Kasai Model: An Asset/Liability Model for a Japanese Insurance Company Using Multistage Stochastic Programming, *INTERFACES*, January - February, (Edelman Prize issue), 29-49. (A story about this paper is in the March 31, 1991 issue of the *New York Times*.)
- J56 Ziembra, W.T. (1994) Investing in the turn-of-the-year effect in US futures markets, *Interfaces* 24(3): 46-61.
- J57 Hensel, C.R., Ziembra, W.T. (1995) U.S. Small and Large Capitalized Stocks, Bonds and Cash Returns During Democratic and Republican Administrations, 1928-1993, *Financial Analysts Journal*, 51:2, March/April, 61-69.
- J58 Hensel, C.R., Ziembra, W.T. (1995) The January Barometer: Swiss, European and Global Results, *Finanzmarkt and Portfolio Management*, 9(2):187-196.
- J59 Shaw, J., Thorp, E.O, Ziembra, W.T. (1995) Convergence to Efficiency of the Nikkei Put Warrant Market of 1989-90, *Applied Mathematical Finance*, 2, 243-271.
- J60 Hensel, C.R., Sick, G., Ziembra, W.T. (1996) Investment Results from Exploiting Turn-of-the-Month-Effects, the *Journal of Portfolio Management*, Spring, 17-23. (A story about this paper is in the November 7, the *Wall Street Journal*.)
- J61 Cariño, D., and Ziembra, W.T. (1998) Formulation of the Russell-Yasuda Kasai Financial Planning Model, *Operations Research*, 46(4), July/August, 433-449.
- J62 Cariño, D., Myers, D., and Ziembra, W.T. (1998) Concepts, Technical Issues and Uses of the Russell-Yasuda Kasai Financial Planning Model, *Operations Research*, 46(4), July/August, 450-462.

- J63 MacLean, L.C., W.T. Ziemba (1999) Growth Versus Security Tradeoffs in Dynamic Investment Analysis, in R. J-B. Wets and W.T. Ziemba (eds), *Stochastic Programming: State of the Art 1998, Annals of Operations*, Research Balzer Science Publishers, 193-226.
- J64 Zhao, Y., Ziemba, W.T. (2000) A dynamic asset allocation model with downside risk control, *The Journal of Risk* 3 (Fall): 91-113.
- J65 Zhao, Y., Ziemba, W.T. (2001) A stochastic programming model using an endogenously determined worst case risk measure in a risk-return framework for dynamic asset allocation, *Mathematical Programming*, Series B, 89 (2): 293-309.
- J66 Zhao, Y., Haussmann, U., Ziemba, W.T. (2003) A Dynamic Investment Model with a Minimum Attainable Wealth Requirement, *Mathematical Finance* 13 (October): 481-501.
- J67 Board, J.L.C., Sutcliffe, C.M.S., Ziemba,, W.T. (2003) Applying Operations Research Techniques to Financial Markets *Interfaces*, 32 (March-April) 2: 12-34.
- J68 MacLean, L.C., Sanegre, R., Zhao, Y., Ziemba, W.T. (2004) Capital Growth with Security, *Journal of Economic Dynamics and Control* 28(4): 937-954.
- J69 Rudolf, M., Ziemba, W.T. (2004) Intertemporal Asset-Liability Management ,*Journal of Economic Dynamics and Control*, 28(4): 975-990.
- J70 Lane, D., Ziemba, W.T. Jai-Alai Hedging Strategies, *European Journal of Finance* (2004): 353-369.
- J71 Douglass, J., Wu, O., Ziemba, W.T. (2004) Stock ownership decisions in defined contribution pension plans, *Journal of Portfolio Management*, Summer, , 92-100.
- J72 Ziemba, W. T. (2005) The symmetric downside risk Sharpe ratio and the evaluation of great investors and speculators, *Journal of Portfolio Management*, (Fall): 108-122.
- J73 MacLean, L., Ziemba, W.T., Li, Y. (2005) Time to Wealth Goals in Capital Accumulation and the Optimal Trade-off of Growth versus Security, *Quantitative Finance*, 5(4):343-357.
- J74 Koivu, M., Pennanen, T., Ziemba, W.T. (2005) Cointegration analysis of the FED model, *Finance Research Letters* 2 : 248-259.
- J75 MacLean, L. C., Zhao, Y., Ziemba, W. T. (2006) Dynamic portfolio selection with process control. *Journal of Banking and Finance* 30 (2) 317 - 339
- J76 Hausch, D.B., Bain, R., Ziemba, W.T. (2006) An Application of Expert Information to Win Betting on the Kentucky Derby", 1981-2001, *European Journal of Finance* 12: 283-301. (featured on BCTV, May 1999 and in *Louisville Times*, June 2001).
- J77 Zhao, Y., Ziemba, W.T. (2007) On Leland's Option Pricing and Hedging Strategy with Transactions Costs, *Finance Research Letters* 4:49-58.
- J78 Kouwenberg, R., Ziemba, W.T. (2007) Incentives and risk taking in hedge funds, *Journal of Banking and Finance* 31: 3291–3310.
- J79 MacLean, L.C., Foster, M., Ziemba, W.T. (2007) Empirical Bayes estimation with dynamic portfolio models, *Journal of Banking and Finance*, 31 3503–3523.
- J80 Kallio, M., Ziemba, W.T. (2007) Using Tucker's theorem of the alternative to simplify, review and expand discrete arbitrage theory, *Journal of Banking and Finance* 31: 2281-2302.
- J81 Rendon, J. and Ziemba, W.T. (2007) Is the January effect still alive in the futures markets? *Finanzmarket and Portfolio Management*, 21: 381-396.
- J82 Zhao, Y, Ziemba, W.T. (2007) Comments on and corrigendum to "Hedging errors with Leland's option model in the presence of transaction costs" [Finance Research Letters 4 (2007):49-58] *Finance Research Letters* 4:196-199.
- J83 Zhao, Y., Ziemba, W.T. (2008) Calculating risk neutral probabilities and optimal portfolio policy in a dynamic investment model with downside risk control, *European Journal of Operational Research* 185:1525–1540

- J84 Geyer, A., Ziembra, W.T., (2008) The Innovest Austrian Pension Fund Planning Model InnoALM, *Operations Research* 56 (4); 797-810.
- J85 Berge, K, Consigli, G., Ziembra, W.T, (2008) The predictive ability of the bond stock earnings yield differential, *Journal of Portfolio Management* (Spring): 63-80.
- J86 Rodriguez, J., Ziembra, W.T. (2008) Duality relations of hedge fund managers' incentive fee optimization problems, *Mathematical Programming* 113:95-131.
- J87 Ziembra, W.T. (2008) Use of stochastic and mathematical programming in portfolio theory and practice: Keynote address. *Annals of Operations Research* 166 (October): 5-22.
- J88 Consigli, G., MacLean, L.C., Zhao, Y., Ziembra, W.T. (2009) The bond-stock yield differential as a risk indicator in financial markets. *Journal of Risk*, 11 (3): 3-24.
- J89 Dzhabarov, C., Ziembra, W.T. (2010) Do seasonal anomalies still work?, *Journal of Portfolio Management*, 36(3):93-104.
- J90 MacLean, L.C., Thorp, E.O., Ziembra, W.T., (2010) Long term capital growth: The good and bad properties of the Kelly and fractional Kelly capital growth criterion, *Quantitative Finance*, 681-687.
- J91 MacLean, L.C., Consigli, G., Zhao, Y., Ziembra, W.T. (2011) Risk indicators in equity markets. *Mathematical Methods in Economics and Finance* 3(2): 101-118.
- J92 MacLean, L.C., Zhao, Y., Ziembra, W.T., (2011) Intertemporal mean variance efficiency with Markovian state price density, *Journal of Banking and Finance*, 27 pages.
- J93 MacLean, L.C., Thorp, E.O., Zhao, Y., Ziembra, W.T. (2011) How does the Fortune's Formula-Kelly capital growth model perform? *Journal of Portfolio Management* 37(4):96-111.
- J94 Ziembra, W.T. (2011) Investing in the turn-of-the-year effect, *Finanzmarkt und Portfolio Management* 25 (4): 455-472.
- J95 MacLean, L.C., Zhao, Y. and Ziembra, W.T. (2011) Mean-variance versus expected utility in dynamic investment analysis. *Computational Management Science* 8(1):3-22.
- J96 Lleo, S., Ziembra, W.T. (2012) Stock market crashes in 2007-2009: were we able to predict them? *Quantitative Finance* 12(8): 1161-1187.
- J97 Gergaud, O., Ziembra, W.T. (2012) Great investors: their methods, results and evaluation, *Journal of Portfolio Management*, 28(4):128-147.
- J98 MacLean, L.C., Zhao, Y., Ziembra, W.T. (2013) Endogenous volatilities for hedging and pricing option with transaction costs, *Quantitative Finance* 13(5):699-713.
- J99 Ziembra, W.T. (2013) Is the 60-40 stock-bond pension fund rule wise? *Journal of Portfolio Management* 39(2):63-72.
- J100 MacLean, L.C., Zhao, Y. and Ziembra, W.T. (2012) Currency returns, market regimes and behavioral biases. *Annals of Finance* 9(2):249-269.
- J101 Ziembra, W.T. (2013) The case for convex risk measures, *Quantitative Finance Letters* 1:47-54.
- J102 Shiryaev, A.N, Zhitlukhin, M.V. and Ziembra, W.T. (2014) When to sell Apple and the NASDAQ? Trading bubbles with a stochastic disorder model, *Journal of Portfolio Management*, Winter: 1-10.
- J103 Shiryaev, A.N., Zhitukhin, and Ziembra, W.T. (2015), Land and stock bubbles, crashes, entry and exit strategies in Japan,circa 1990 and in 2013, *Quantitative Finance*, 30 pages
- J104 Lleo, S. and Ziembra, W.T. (2015) Some historical perspectives on the bond-stock yield model for crash prediction around the world, *International Journal of Forecasting* 31:399-425.
- J105 Lleo, S. and Ziembra, W.T. (2014) How to lose money in financial markets: examples from the recent financial crisis, *Alternative Investment Analyst Review*, 3(3):22-35.
- J106 Ziembra, W.T. (2015) Response to Paul A Samuelson letters and papers on the Kelly capital growth investment strategy, *Journal of Portfolio Management*, 41 (1): 153-167.

- J107 MacLean, L.C., Zhao, Y. and Ziemba, W.T. (2016) Optimal capital growth with convex shortfall penalties. *Quantitative Finance* 16(1):101-117.
- J108 Ziemba, W.T. (2016) Understanding and Using the Kelly Capital Growth, *Alternative Investment Analyst Review*: 44-55.
- J109 Zhitlukhin, M.V. and Ziemba, W.T (2016) Exit strategies in bubble-like models using a change point model. *Quantitative Finance Letters* 4(1):47-52.
- J110 Swetye, J, and Ziemba, W.T (2016) Using Zweig's monetary and momentum models in the modern era. *Quantitative Finance Letters* 4(1):35-39.
- J111 Ziemba, W.T (2016) Non-predictable stock market declines. *Quantitative Finance Letters* 4(1):53-59.
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## P –Working Papers

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- P4. Berge, K., Ziembra, W.T., The predictive ability of the bond and stock earnings yield differential in US and foreign markets, 1970-2005, Working paper, 40 pages.
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