

## References

### Part 1: Foreign reference

- Ambrose, B.W., Ancel, E., Griffiths, M.D., 1992. *The fractal structure of real estate investment trust returns: a search for evidence of market segmentation and nonlinear dependency*. Journal of the American Real Estate and Urban Economics Association. 20, 25–54.
- Arnott, R., von Germeten, J., 1983. *Systematic asset allocation*. Financial Analysts Journal. 39 (6), 31–38.
- Aas, K., 2004. *Modelling the dependence structure of financial assets: A survey of four copulas*. Research Report SAMBA/22/04, Norwegian Computing Center.
- Bernanke, B., Gertler, M., Gilchrist, S., 1996. *The financial accelerator and the flight to quality*. The Review of Economics and Statistics. 78 (1), 1–15.
- Back, A., & Weigend, A. (1997). *Discovering structure in finance using independent component analysis*. In Proceeding of fifth international conference on neural networks in capital market, (pp. 15–17).
- Balachandher, K. G., Fauzias, M. N., & Lai, M. M. (2002). *An examination of the random walk model and technical trading rules in the Malaysian stock market*. Quarterly Journal of Business & Economics, 41, 81–104.
- Bell, A. J., & Sejnowski, T. J. (1995). *An information-maximization approach to blind separation and blind deconvolution*. Neural Computation, 7, 1129–1159.
- Chaudhry, M.K., Myer, F.C., Webb, J.R., 1999. *Stationarity and co-integration in systems with real estate and financial assets*. Journal of Real Estate Finance and Economics. 18, 339–349.
- Chauvin, Y., & Rumelhart, D. E. (1995). *Backpropagation: Theory, architectures, and applications*. New Jersey: Lawrence Erlbaum associates.
- Fraser, W.D., Leishman, C., Tarbert, H., 2002. *The long-run diversification attributes of commercial property*. Journal of Property Investment and Finance. 20, 354–373.
- Granger, C.W.J., 1969. *Investigating causal relations by econometrics models and cross spectral methods*. Econometrica 37, 424–438.
- He, L.T., Webb, J.R., 2000. *Causality in real estate markets: the case of Hong Kong*. Journal of Real Estate Portfolio Management. 6, 259–271.
- Johansen, S., 1988. *Statistical analysis of co-integration vectors*. Journal of Economic Dynamics and Control. 12, 231–254.
- Johansen, S., Juselius, K., 1990. *Maximum likelihood estimation and inference on co-integration with applications to the demand for money*. Oxford Bulletin of Economics and Statistics. 52, 169–210.

- Kim, S.J., Moshirian, F., Wu, E., 2006. *Evolution of international stock and bond market integration: influence of the European Monetary Union*. *Journal of Banking and Finance*. 30, 1507–1534.
- Kwiatkowski, D., Phillips, P.C.B., Schmidt, P.J., Shin, Y., 1992. *Testing the null hypothesis of stationarity against the alternative of a unit root: how sure are we that economic time series have a unit root?* *Journal of Econometrics*. 54, 159–178.
- Ling, D.C., Naranjo, A., 1999. *The integration of commercial real estate markets and stock markets*. *Real Estate Economics*. 27, 483–515.
- Liow, K.H., Li, Y., 2006. *Net asset value discounts for Asian-Pacific real estate companies: long-run relationships and short-term dynamics*. *Journal of Real Estate Finance and Economics*. 33, 363–388.
- Liow, K.H., Yang, H., 2005. *Long-term co-memories and short-run adjustment: securitized real estate and stock markets*. *Journal of Real Estate Finance and Economics*. 31 (3), 283–300.
- Masih, A.M., Masih, R., 1999. *Are Asian stock market fluctuations due mainly to intra-regional contagion effects? Evidence based on Asian emerging stock markets*. *Pacific-Basin Finance Journal*. 7, 251–282.
- Nelsen, R. B, 1999. *An introduction to copulas*. *Lecture Notes in Statistics*. Springer, New York, NJ, USA.
- Okunev, J., Wilson, P., 1997. *Using nonlinear tests to examine integration between real estate and stock markets*. *Real Estate Economics*. 25, 487–503.
- Okunev, J., Wilson, P., Zurbrugg, R., 2000. *The causal relationship between real estate and stock markets*. *Journal of Real Estate and Economics*. 21, 251–261.
- Phylaktis, K., 1997. *Capital market integration in the Pacific-Basin region: an analysis of real interest rate linkages*. *Pacific-Basin Finance Journal*. 5, 195–213.
- Popescu, T. D. (2003). *Multivariate time series forecasting using independent component analysis*. In *Proceedings of IEEE conference on emerging technologies and factory automation*, 2, (pp. 782–789). Lisbon, Portugal.
- Sims, C., 1980. *Macroeconomics and reality*. *Econometrica* 48, 1–49.
- Schneeweiss, H., & Mathes, H. (1995). *Factor analysis and principal components*. *Journal of Multivariate Analysis*, 55, 105–124.
- Sklar A. 1959. *Fonctions de repartition a'n dimensions et leurs marges*. *Publications de l'Institut de Statistique de l'Universite' de Paris*. 8: 229~231.
- Viviana Fernandez, 2008. *Copula-based measures of dependence structure in assets returns*. *Physica A*, 3615-3628.
- Valpola, H. (2000). *Nonlinear independent component analysis using ensemble learning: Theory*. In *Proceedings of second international workshop on independent component analysis and blind signal separation*, (pp. 251–256). Helsinki, Finland.

- Vellido, A., Lisboa, P. J. G., & Vaughan, J. (1999). *Neural networks in business: A survey of applications (1992–1998)*. *Expert Systems with Applications*, 17, 51–70.
- Wood, S. (2002). *Float analysis: Powerful technical indicators using price and volume*. New York: John Wiley & Sons.
- Wilson, P., Okunev, J., 1999. *Long-term dependencies and long run non-periodic co-cycles: real estate and stock markets*. *Journal of Real Estate Research*. 18, 257–278.
- Wilson, P., Okunev, J., Ta, G., 1996. *Are real estate and securities markets integrated?* *Journal of Property Valuation & Investment*. 14,7–24.
- Yeh, I. C., Lien, C. H., & Tsai, Y. C. (2011). *Evaluation approach to stock trading system using evolutionary computation*. *Expert Systems with Applications*, 38(1),794–803.
- Zill, D. G., & Cullen, M. R. (2000). *Advanced engineering mathematics (2nd ed.)*. Massachusetts: Jones and Bartlett.

#### **Part 2: Chinese reference**

- Chang, S. C., Lai, H. C., & Yu, H. C. (2005). *A variable P value rolling Grey forecasting model for Taiwan semiconductor industry production*. *Technological Forecasting and Social Change*, 72(5), 623–640.
- Chen, C. I. (2008). *Application of the novel nonlinear grey Bernoulli model for forecasting unemployment rate*. *Chaos, Solutions & Fractals*, 37(1), 278–287.
- Chen, C. I., Chen, H. L., & Chen, S. P. (2008). *Forecasting of foreign exchange rates of Taiwan's major trading partners by novel nonlinear grey Bernoulli Model NGBM (1, 1)*. *Communications in Nonlinear Science and Numerical Simulation*, 13(6), 1194–1204.
- Chang, P. C., Liu, C. H., Lin, J. L., Fan, C. Y., & Ng, C. S. P. (2009). *A neural network with a case based dynamic window for stock trading prediction*. *Expert Systems with Applications*, 36(3), 6889–6898.
- Jiang, Y., Yao, Y., Deng, S., & Ma, Z. (2004). *Applying Grey forecasting to predicting the operating energy performance of air cooled water chillers*. *International Journal of Refrigeration*, 27, 385–392
- Jinguo Gong, Zuoyu Li, 2005. *Copula and Nonparametric Kernel Density Estimation: Empirical Study on the Dependence Structure between Shanghai and Shenzhen Stock Markets*. Sichuan University
- Liu Qiongfang and Zhang Zongyi, 2011. *Investigating the Dependence Structure between Real Estate and Finance Industries Based on the Copula Function*. *Journal of Industrial Engineering*, 1, 165-170.
- Li, J. Jia, M. Y., (2010) *Empirically analysis on the relationships between Shanghai composite index and real estate index*. *Science Technology and Industry*.10 (3)

- Li, X. (2008). *A practical analysis on the relationship between China's current real estate market and the stock market 2008*.
- Liu, C.H., Hartzell, D.J., Greig, W., Grissom, T.V., 1990. *The integration of the real estate market and the stock market: some preliminary evidence*. *Journal of Real Estate Finance and Economics*. 3, 261–282.
- Pan and Zhou (2005) *Dependence structure between China real estate and financial market 2005*.
- Quan, D., Titman, S., 1999. *Do real estate prices and stock prices move together? An international analysis*. *Real Estate Economics*. 27 (2), 183–207.
- Wang, Y., & Iorio, A. D. (2007). *The cross section of expected stock returns in the Chinese A-share market*. *Global Finance Journal*, 17, 335–349.
- Yan Liu, Richard Luger, 2009. *Efficient estimation of copula-GARCH models*. *Computational Statistics and Data Analysis* 53, 2284–2297.
- Yan, W., Powell, J. G., Shi, J., & Xu, W. (2007). *Chinese stock market cyclical regimes: 1991–2006*. *Economics Letters*, 97(3), 235–239.
- Yu,dong, Z., & Lenan, W. (2009). *Stock market prediction of S&P 500 via combination of improved BCO approach and BP neural network*. *Expert Systems with Applications*, 36(5), 8849–8854.
- Yue,LU Wen-bin (2008) *A Study on the Relationship between Real Estate and Stock Prices in China*;Modern Economic Science;2008-04
- Zhang, K., & Chan, L. (2007). *Nonlinear independent component analysis with minimal nonlinear distortion*. In *Proceedings of the 24th international conference on Machine learning*, (pp. 1127–1134). Oregon, USA