REFERENCES

Akaike, H. (1974). A new look at statistical model identification. *IEEE Transactions on Automatic Control*, *19*, 716-723.

Alizadeh, S., Brandt, M. W., & Diebold, F. X. (2002). Range-based estimation of stochastic volatility models. *Journal of Finance*, *57*, 1047-1091.

Andersen, T. G., & Bollerslev, T. (1998). Answering the Skeptics: Yes, Standard Volatility Models Do Provide Accurate Forecasts. *International Economic Review*, *39*, 885-905.

Asai, M., McAleer, M., & Yu, J. (2006). Multivariate Stochastic Volatility: A Review. *Econometric Reviews*, *25*, 145-175.

Baillie, R. T. (1996). Long memory processes and fractional integration in econometrics. *Journal of Econometrics*, *73*, 5-59.

Baillie, R. T., Bollerslev, T., & Mikkelsen, H. O. (1996). Fractionally integrated autoregressive conditional heteroskedasticity. *Journal Econometrics*, *74*, 3-30.

Baillie, R. T., Chung, C., & Tieslau, M. A. (1996). Analysis inflation by the fractionally integrated ARFIMA-GARCH model. *Journal of Applied Econometrics*, *11*, 23-40.

Barndorff-Nielsen, O. E., & Shephard, N. (2001). Non-Gaussian OU Based Models and Some of their Uses in Financial Economics (with discussion). *Journal of the Royal Statistical Society Series*, *B* (63), 167-241.

Barndorff-Nielsen, O. E., & Shephard, N. (2007). Variation, Jumps and High Frequency Data in Financial Econometrics, in R.

Basel Committee on Banking Supervision. (1988). International Convergence of Capital to Market Risk Capital Requirements.

Basel Committee on Banking Supervision. (1995). International Convergence of Capital to Market Risk Capital Requirements.

Blundell, P., Torsten, Newey W. K. (eds). Advances in Economics and Econometrics: Theory and Applications, Ninth World Congress, Econometric Society Monograph, Cambridge University Press.

Bollerslev, T. (1986). Generalized autoregressive conditional heteroskedasticity. *Journal of Econometrics*, *31*, 307-327.

Bollerslev, T. (1987). A conditionally heteroskedastic time series model for security prices and rates of return data. *Review of Economics and Statistics*, *59*, 542-547.

Bollerslev, T. (1990). Modelling the coherence in short-run nominal exchange rate: A multivariate generalized ARCH approach. *Review of Economics and Statistics*, *72*, 498-505.

Bollerslev, T., Chou, R. Y., & Kroner, K. F. (1992). ARCH modelling in finance: a review of the theory and empirical evidence. *Journal of Econometrics*, *52*, 5-59.

Bollerslev, T., Engel, R. F., & Nelson, D. B. (1994). ARCH Models in R. F. Engel, D. Mcfadden (eds), Handbook of Econometrics, New York: Elsevier.

Bollerslev, T., & Mikkelsen, H. O. (1996). Modelling and pricing long memory in stock market volatility. *Journal of Econometrics*, *73*, 151-184.

Bollerslev, T., & Mikkelsen, H. O. (1999). Long-term equity anticipation securities and stock market volatility dynamics. *Journal of Econometrics*, *92*, 75-99.

Chaiwan, A., Change, C-L., McAleer, M., & Sriboonchitta, S. (2009). *Long Memory in Volatility of Southeast Asia Stock Markets*. Paper presented at the 6th International Conference on Business and Information 2009, Kuala Lumpur, Malaysia.

Chaiwan, A., Change, C-L., McAleer, M., & Sriboonchitta, S. (2009). *Value-at-Risk in Single-Index of Southeast Asia Stock Markets*. Paper presented at the 6th International Conference on Business and Information 2009, Kuala Lumpur, Malaysia.

Chaiwan, A., McAleer, M., & Sriboonchitta, S. (2009). *Multivariate GARCH volatility models for financial portfolio in Thailand*. Paper presented at the 2nd Conference of the Thailand Econometric society, Chiang Mai, Thailand.

Change, C.-L., McAleer, M., & Slottje, D. (2009). *Modelling international tourist arrivals and volatility for Taiwan*. Paper presented at the 18th World IMACS / MODSIM Congress, Cairns, Australia.

Chang, C.-L., Sriboonchitta, S., & Wiboonponse, A. (2009) Modelling and forecasting tourism from East Asia to Thailand under temporal and spatial aggregation. *Mathematics and Computers in Simulation*, *79*, 1730-1744.

Cheong, C. W. (2008). Volatility in Malaysian Stock Market: An empirical study using fractionally integrated approach. *Journal of Applied Sciences*, *5*, 683-688.

Corsi, F. (2009). A Simple Approximate Long-Memory Model of Realized Volatility. *Journal of Financial Econometrics*, *7*, 174-196.

Dacorogna, M. M., Müller, U. A., Nagler, R. J., Olsen, R. B., & Pictet, O. V. (1993). A geographical model for the daily and weekly seasonal volatility in the foreign exchange market. *Journal of International Money and Finance*, *12*, 413-438.

Ding, Z., Granger, C. W. J., & Engle, R. F. (1993). A long memory property of stock market returns and new model. *Journal of Empirical Finance*, *1*, 83-106.

Engel, R. F. (1982). Autoregressive conditional heteroskedasticity with estimates of the variance of United Kingdom inflation. *Econometrica*, *50*, 987-1007.

Engel, R. F. (1990). Discussion: stock market volatility and the crash. *Review of Financial Studies*, *3*, 103-106.

Engel, R. F. (2002). Dynamic conditional correlation: A simple class of multivariate generalized autoregressive conditional heteroskedasticity models. *Journal of Business and Economic Statistics*, *20*, 339-350.

Giraitis, L., Robinson, P. M., & Surgailis, D. (2000). A Model for Long Memory Conditional Hetero-skedasticity. *The Annals of Applied Proability*, *10*(3), 1002-1024.

Glosten, L. R., Jagannathan, R., & Runkle, D. E. (1992). On the Relation Between the Expected Value and Volatility of the Nominal Excess Return on Stocks. *Journal of Finance*, *46*, 1779-1801.

Glyn H. (2003). *Value-at-Risk: Theory and Practice*. Academic Press.

Granger, C. W. J., & Joyeux, R. (1980). An introduction to long memory time series models and fractional differencing. *Journal of Time Series Analysis*, *1*, 15-29.

Hakim, A., McAleer, M., & Chan, F. (2007). *Modeling Conditional Correlations across International Stock, Bond and Foreign Exchange Markets*. Paper

Presented at the Towards Sustainable Likelihood and Environment: Second International Conference on Asia Simulation and Modelling.

Hosking, J. (1981). Fractional differencing. *Biometrika*, *68*, 165-176.

Hsieh, D. A. (1989). Testing for nonlinearity in daily foreign exchange rate changes. *Journal of Finance*, *46*, 339-368.

Li, W. K., Ling, S., & McAleer, M. (2002). Recent Theoritical results for time series models with GARCH errors. *Journal of Economic Surveys*, *16*, 245-269. Reprinted in McAleer, M. and Oxley, L. (eds.), Contributions to Financial Econometrics: Theoretical and Practical Issues, Blackwell, Oxford, 2002: 9-33.

Ling, S., & Li, W. K. (1997). On fractionally integrated autoregressive time series models with conditionally heteroskedasticity. *Journal of Time Series Analysis*, 92, 1184-1194.

Ling, S., & McAleer, M. (2003). Asymptotic theory for a vector ARMA-GARCH model. *Econometric Theory*, *19*, 278-308.

Malliavin, P., & Mancino, M. E. (2002). Fourier Series Method for Measurement of Multivariate Volatilities. *Finance and Stochastics*, *6*, 49-61.

Manera, M., McAleer, M., & Grasso, M. (2006). Modelling Time-Varying Conditional Correlations in the Volatility of Tapis Oil Spot and Future Returns. *Applied Financial Economics*, *16*, 525-533.

McAleer, M. (2005). Automated inference and learning in modelling financial volatility. *Econometric Theory*, *21*, 232-261.

McAleer, M. (2009). The ten commandments for optimizing value-at-risk and daily capital charges. to appear in *Journal of Economic Surveys*, 2009: (Available at SSRN: http//ssrn.com/abstract=1354686).

McAleer, M., Chan F., & Marinova D. (2007) An econometric analysis of asymmetric volatility: theory and application to patents, *Journal of Econometrics*, *139*, 259-284.

McAleer, M., & da Veiga, B. (2008a). Forecasting value-at-risk with a parsimonious portfolio spillover GARCH (PS-GARCH) model. *Journal of Forecasting*, 27, 1-19.

McAleer, M., & da Veiga, B. (2008b). Single index and portfolio models for forecasting value-at-risk thresholds. *Journal of Forecasting*, *27*, 217-235.

McAleer, M., Hoti, S., & Chan, F. (2009). Structure and asymptotic theory for multivariate asymmetric conditional volatility. *Econometric Reviews*, *28*, 422-440.

McAleer, M., Jiménez-Martin, J.-Á., & Pérez-Amaral, T. (2009). The Ten Commandments for Managing Value-at-Risk Under the Basel II Accord. 2009: (Available at SSRN: http://ssrn.com/abstract=1356803).

McAleer, M., & Medeiros, M. C. (2008a). Realized volatility: A review. *Econometric Review*, *27*, 10-45.

McAleer. M., & Medeiros, M.C. (2008b). A Multiple Regime Smooth Transition Heterogeneous Autoregressive Model for Long Memory and Asymmetries. *Journal of Econometrics*, *147*, 104-119.

Morimune, K. (2007). Volatility Models. *The Japanese Economic Review*, *58*, 1-23.

Nelson, D. B. (1991). Conditional heteroskedasticity in asset returns: a new approach. *Econometrica*, *59*, 347-370.

Pagan, A. R. (1996). The econometrics of financial markets." *Journal of Empirical Finance*, *3*, 15-102.

Palm, F. (1996). GARCH models of volatility. in *Handbook of statistics*, ed. By G. Maddala, and C. Rao, Amsterdam: Elsevier Science.

Palm, F., & Vlaar, P. (1997). Simple diagnostics procedures for modelling financial time series. *Allgemeines Statistiches Archiv*, *81*, 85-101.

Palma, W., & Zevallos, M. (2001). Analysis of the correlation structure of square time series. *Journal of Time Series Analysis*, *25*, 529-550.

Pong, S., Shackleton, M. B., Taylor, S. J., & Xu, X. (2004). Forecasting currency volatility: a comparison of implied volatilities and AR(FI)MA models. *Journal of Banking and Finance, 28*, 2541-2563.

Poon, S., & Granger, C. (2003). Forecasting Volatility in Financial Markets: A Review. *Journal of Economics Literature*, *XLI*, 478-539.

RiskMetrics Group. (1996). *RiskMetrics – Technical Document*, New York: J. P. Morgan/Reuters.

Robinson, P. M., & Hidalgo, F. J. (1997). Time series regression with long-range dependence. *Analysis of Statistics*, *25*, 77-104.

Schwarz, G. (1978). Estimating the dimension of a model. *Annuals of Statistics*, *6*, 461-464.

Taylor, S.J. (1986). *Modelling financial time series*. John Wiley & Sons Ltd, Chichester.

Tse, Y. K., & Tsui, A. K. C. (2002). A Multivariate Generalized Auto-regressive Conditional Hetero-scedasticity Model with Time-Varying Correlations. *Journal of Business and Economic statistics*, *20*, 351-362.