

Referências Bibliográficas

- [1] AKAIKE, H. **A new look at the statistical model identification**. IEEE Transactions on Automatic Control 19 (6): 716–723, 1974.
- [2] ALTISSIMO F, CORRADI V. **Bounds for inference with nuisance parameters present only under the alternative**. Econometrics Journal 5: 494–519, 2002.
- [3] BALKE, N.; FOMBY; T. **Threshold cointegration**. International Economic Review 38, 627–645, 1997.
- [4] BOX, G.; JENKINS, C.; REISEL, G. **Time series analysis: Forecasting and control**. Englewood Cliffs: Prentice Hall, 1994.
- [5] BREIMAN, L.; FRIEDMAN, J.; OLSHEN, R.; STONE, C. J. **Classification and Regression Trees**. Belmont Wadsworth Int. Group, New York, 1984.
- [6] CAMACHO, M. **Vector Smooth Transition Regression Models for US GDP and the Composite Index of Leading Indicators**. Journal of Forecasting 23: 173-196, 2004.
- [7] CHAN, K.; TONG, H. **On estimating thresholds in autoregressive models**. Journal of Time Series Analysis, 7, 179–190, 1986.
- [8] CLEMENTS, M.; KROLZIG, H. **A comparison of the forecast performance of Markov-switching and threshold autoregressive models of US GNP**. Econometrics Journal 1, C47–C75, 1998.
- [9] COSTA, F. et al. **Modelagem Estocástica de Previsão de Vazões Mensais: PREVIVAZM**, XV Simpósio Brasileiro de Recursos Hídricos, Curitiba, PR, Brasil, 2003.
- [10] EIRTHEIM, O., TERÄSVIRTA, T. **Testing the adequacy of smooth transition autoregressive models**. Journal of Econometrics, Vol. 74, pp. 59-76, 1996
- [11] ENGLE, R.; GRANGER C. **Co-Integration and Error Correction: Representation, Estimation, and Testing**. Econometrica, Vol. 55, No 2, pp. 251-276, 1987.

- [12] EPPRECHT, C. **Modelos de Transição Suave para Média e Volatilidade Realizada Aplicados à Previsão de Retornos e Negociação Automática**. 132p. Dissertação de Mestrado, PUC-Rio, Departamento de Engenharia Elétrica, Rio de Janeiro, 2008.
- [13] FRANCES, P.; TERÄSVIRTA, T. **Introduction to the special issue: nonlinear modeling of multivariate macroeconomic relations**. *Macroeconomic Dynamics*, vol 5, 461-465, 2001.
- [14] GALVÃO, A. **Structural Break Threshold VARs for Predicting US Recessions Using the Spread**. *Journal of Applied Econometrics* 21: 463–487, 2006.
- [15] GODFREY, L. G. **Misspecification Tests in Econometrics: the Lagrange Multiplier Principle and Other Approaches**. Cambridge University Press, 1988.
- [16] GRANGER, C. Some Properties of Time Series Data and Their Use in Econometric Model Specification. *Journal of Econometrics*, 121-130, 1981.
- [17] GRANGER, C.; TERÄSVIRTA, T. **Modelling Nonlinear Economic Relationships**. Oxford University Press, Oxford, 1993.
- [18] HAMILTON, J. **Time Series Analysis**. Princeton University Press, Princeton, 1994.
- [19] HANSEN, B. **Testing linearity**. *Journal of Economic Surveys* 13, 551–576, 1999.
- [20] HILLEBRAND, E.; MEDEIROS, M. **Forecasting realized volatility models: the benefits of bagging and nonlinear specifications**. Texto para Discussão do Dept. de Economia, PUC-Rio, 2007.
- [21] HIPEL, K.; MCLOAD, A. **Time Series Modelling of Water Resources and Environmental Systems**. Elsevier Science, 1994.
- [22] HORNIK, K.; STINCHOMBE, M.; WHITE, H.. **Multi-layer (feedforward) networks are universal approximators**. *Neural Networks*, 2, 359–366, 1989.
- [23] HUANG; CHEN; CAMACHO. **Determinants of Japanese Yen Interest Rate Swap Spreads: Evidence from a Smooth Transition Vector Autoregressive Model**. *Journal of Futures Markets* (28), No.1, pp 82-107, 2008.

- [24] JOHANSEN, S. **Statistical analysis of cointegrating vectors**. Journal of Economic Dynamics and Control, Vol. 12, pp. 231-254, 1988.
- [25] KASUYA, M. **Regime-switching approach to monetary policy effects**. Applied Economics, Volume 37, Issue 3, pages 307 – 326, 2005.
- [26] KAVKLER; BÖHM, BORSIC. **Smooth, Transition vector error-correction (STVEC) models: An application to real exchange rates**.
- [27] KAVKLER; MIKEK; BÖHM, BORSIC, **Nonlinear econometric models: The smooth transition regression approach**.
- [28] KOOP, G.; PESARAN M.; POTTER, S. **Impulse response analysis in nonlinear multivariate models**. Journal of Econometrics, vol74; 119-147, 1996.
- [29] LEKKOS, I., MILAS, C.; PANAGIOTIDIS T. **Forecasting interest rate swap spreads using domestic and international risk factors: evidence from linear and non-linear models**. Journal of Forecasting, Forthcoming, 2006.
- [30] LEWIS, P.; STEVENS, J. **Nonlinear modeling of time series using multivariate adaptative regression splines**. Journal of the American Statistical Association, 86, 864–877, 1991.
- [31] LÜTKEPOHL, H. **New Introduction to Multiple Time Series Analysis**. Springer, New York, 2005.
- [32] LUUKKONEN, R; SAIKKONEN, P; TERÄSVIRTA, T. **Testing linearity against smooth transition autoregressive models**. Biometrika 75, 491-499, 1988.
- [33] LO, M.; ZIVOT, E. **Threshold Cointegration and Nonlinear Adjustment to the Law of One Price**. Macroeconomic Dynamics, Volume 5, Issue 04, pp 533-576, 2001.
- [34] MACEIRA, M.; TERRY, L. et al. **Chain of Optimization Models for Setting the Energy Dispatch and Spot Price in the Brazilian System**. IEEE Power System Computation Conference, Servilla, Session 43, p. 1-7, 2002.
- [35] MCALEER, M.; MEDEIROS, M. **Realized volatility: a review**. Econometric Reviews, 27, 10-45, 2008.
- [36] MEDEIROS, M. C., VEIGA, A. **A flexible coefficient smooth transition time series model**. IEEE Transactions on Neural Networks, 16, 97-113,

- 2005.
- [37] MEDEIROS, M. C., VEIGA, A. **Modeling multiple regimes in financial volatility with a flexible coefficient GARCH model.** *Econometric Theory*, to appear, 2008.
- [38] MEDEIROS, M.; VEIGA, A. **A hybrid linear-neural model for time series forecasting.** *IEEE Transactions on Neural Networks*, 11, 1402–1412, 2000.
- [39] MEDEIROS, M.; VEIGA, A. **Diagnostic checking in a flexible nonlinear time series model.** *Journal of Time Series Analysis*, 24, 461–482, 2003.
- [40] MEDEIROS, M.; VEIGA, A.; PEDREIRA, E. **Modeling Exchange rates: smooth transition, neural networks, and linear models.** *IEEE Transactions on Neural Networks*, 12, 755-764, 2001.
- [41] RIPATTI A.; SAIKKONEN, P. **Vector Autoregressive Processes with Nonlinear Time Trends in Cointegrating Relations.** *Macroeconomic Dynamics*, Volume 5, Issue 04, pp 577-597, 2001.
- [42] ROSA, J. **Modelos de Regressão com Transição Suave Estruturados por Árvores.** 157p. Tese de Doutorado, PUC-Rio, Departamento de Engenharia Elétrica, Rio de Janeiro, 2005.
- [43] ROSA J., VEIGA, A., MEDEIROS, M. **Tree structured smooth transition regression models.** *Computational Statistics and Data Analysis*, 52, 2469-2488, 2008.
- [44] ROSA, J., RAMOS, G., VEIGA, A. **Application of STAR-Tree Model to Brazilian Stock Market Time Series.** Working Paper do DEE, PUC-Rio, Apr 2005.
- [45] ROSENBLAT, F. **A comparison of several perceptron models.** In: Books, S., editor, *SELF-ORGANIZING SYSTEMS*, volume 1. Spartan Books, Washington D.C., 1962.
- [46] ROTHMAN, P.; van DIJK, D; FRANSES, P. **A Multivariate STAR Analysis of the Relationship Between Money and Output.** *Macroeconomic Dynamics* 5, 506-532, 2001.
- [47] ROTHMAN, P.; MILAS, C. **Multivariate STAR unemployment rate forecasts.** *Econometrics*, num 0502010, 2005.
- [48] SALAS, J.; DELLEUR, J.; YEVJEVICH, V.; LANE, W. **Applied**

- modelling of hydrologic time series.** Water Resources Publications, 484p, 1980.
- [49] SCHWARZ, G. **Estimating the dimension of a model.** Annals of Statistics 6 (2): 461–464, 1978.
- [50] SEO, B. **Testing for Nonlinear Adjustment in Smooth Transition Vector Error Correction Models.** Econometric Society Far Eastern Meetings, No. 749, 2004.
- [51] SIMS, C. **Macroeconomics and reality.** Econometrica, V.48, N0.1, 1-48, 1980.
- [52] SKALIN, J.; TERÄSVIRTA, T. **Modeling Asymmetries and Moving Equilibrium in Unemployment Rates.** Macroeconomic Dynamics 6, 202-241, 2002.
- [53] SRIPINIT, T. **Asymmetric Monetary Policy Responses in the US Economy: Smooth Transition Vector Autoregressive.** Working paper, 2008.
- [54] TAYLOR, S. **Modelling Financial Time Series.** John Wiley, Chichester, UK, 1986.
- [55] TERÄSVIRTA, T. **Specification, estimation, and evaluation of smooth transition autoregressive models.** Journal of the American Statistical Association, 89, 208-218, 1994.
- [56] TONG, H. **Non-linear Time Series: A Dynamical System Approach.** Oxford University Press, 1990.
- [57] TONG, H. **On a threshold model.** In: Chen, C, H., editor, In Pattern Recognition and Signal Processing, volume 5. Sijhoff Noordhoff, Amsterdam, 1978.
- [58] TONG, H. **Threshold models in non-linear time series analysis: lecture notes in statistics 21.** Berlin: Springer-Verlag, 1983.
- [59] TONG, H.; LIM, K. **Threshold autoregressions, limit cycles, and data,** Journal of the Royal Statistical Society B 42, 245-92, 1980.
- [60] TSAY, R. **Testing and modeling threshold autoregressive processes.** Journal of the American Statistical Association, 84, 231-240, 1989.
- [61] TSAY, R. **Testing and modeling multivariate threshold models.** Journal of the American Statistical Association 93, 1188-1202, 1998.
- [62] VAN DIJK, D.; FRANSES, P. **Modelling multiple regimes in the**

- business cycle.** *Macroeconomic Dynamics*, 3:311–340, 1999.
- [63] VAN DIJK, D.; T.TERÄSVIRTA; FRANSES, P.. **Smooth transition autoregressive models - A survey of recent developments.** *Econometric Reviews*, 21, 1-47, 2002.
- [64] VAN DIJK, D. **Smooth Transition Models: Extensions and Outlier Robust Inference.** Tinberg Institute: Amsterdam, 2001.
- [65] WEISE, C. **The asymmetric effects of monetary policy: a nonlinear vector autoregression Approach.** *Journal of Money, Credit, and Banking* 31, 85-108, 1999.
- [66] ZADEH, L. **Fuzzy sets.** *Information and Control*, 8, 338–353, 1965.