LIST OF PUBLICATIONS

JOURNAL PAPERS

55. E. Paparoditis (2016) ‘Sieve Bootstrap for Functional Time Series’, *submitted.*

54. J. Krampe, J. P. Kreiss and E. Paparoditis (2016) ‘Estimated Wold Representation and Spectral Density Driven Bootstrap for Time Series’, *submitted.*

53. T. Niebuhr, J. P. Kreiss and E. Paparoditis (2016) ‘Some Properties of the Autoregressive-Aided Block Bootstrap’, *submitted.*

52. E. Paparoditis and D. N. Politis ‘The Asymptotic Size and Power of the Augmented Dickey-Fuller Test for a Unit Root’, 2014, *Econometric Reviews, to appear.*

51. E. Paparoditis and T. Sapatinas ‘Bootstrap Based Testing for Functional Data’, 2016, *Biometrika*, 103, 727-733.

50. E. Paparoditis and P. Preuss, ‘Local Power Properties of Frequency Domain Based Tests for Stationarity’, 2016, *Scandinavian Journal of Statistics,* 43, 664-682.

49. M. Frangeskou and E. Paparoditis ‘Inference for the Fourth Order Innovation Cumulant in Linear Time Series’, 2016, *Journal of Time Series Analysis,* 37, 240-266.

48. E. Paparoditis and D. N. Politis, ‘On the Behavior of Nonparametric Density and Spectral Density Estimators at Zero Points of their Support’, 2016, *Journal of Time Series Analysis,* 37, 182-194.

47. A. Dudek, E. Paparoditis and D. N. Politis ‘Generalized Seasonal Tapered Block Bootstrap’, 2016, *Statistics and Probability Letters* 115, 27-35.

46. C. Jentsch, E. Paparoditis and D. N. Politis, ‘Block Bootstrap Theory for Multivariate Integrated and Co-Integrated Processes’, 2015, *Journal of Time Series Analysis*, 36, 416-441.

45. C. Parker, E. Paparoditis and D. N. Politis, ‘Tapered Block Bootstrap for Unit Root Testing’, 2015, *Journal of Time Series Econometrics*, 7, 37-67.

44. J. Krampe, J. P. Kreiss and E. Paparoditis ‘Hybrid Wild Bootstrap for Nonparametric Trend Estimation in Locally Stationary Time Series’, 2015, *Statistics and Probability Letters*, vol. 101, 54-63.

43. J.-P. Kreiss and E. Paparoditis, ‘Bootstrapping Locally Stationary Processes’, 2015, *Journal of the Royal Statistical Society, Series B*, vol. 77, 267-290.

42. E. Paparoditis and P. Preuss ‘Estimation of the Bispectrum of a Locally Stationary Process’, 2014, *Statistics and Probability Letters*, vol. 89, 8-16.

41. E. Paparoditis and T. Sapatinas ‘Short Term Load Forecasting: The Similar Shape Functional Time Series Predictor’, 2013, *IEEE Transactions on Power Systems*, vol. 28, Issue 4, 3818-3825.

40. A. Dudek, J. Leskow, E. Paparoditis and D. N. Politis, ‘A generalized block bootstrap for seasonal time

series', *Journal of Time Series Analysis*, 2012, vol. 35, 89-114.

39. A. Dowla, E. Paparoditis and D. N. Politis, 'Local block bootstrap inference for trending time series', 2012, *Metrika*, 1-32.

38. J.-P. Kreiss and E. Paparoditis, 'The Hybrid Wild Bootstrap for Time Series', 2012, *Journal of the American Statistical Association*, vol. 107, 1073-1084.

37. E. Paparoditis and D. N. Politis, 'Nonlinear Spectral Density Estimation: thresholding the correlogram', 2012, *Journal of Time Series Analysis*, vol. 33, 386-397.

36. J.-P. Kreiss and E. Paparoditis, 'Bootstrap for Dependent Data: A Review' (with Discussion and a rejoinder), 2011, *Journal of the Korean Statistical Society*, vol. 40, 357-378 and 393-395.

35. J.-P. Kreiss, E. Paparoditis and D. N. Politis, 'On the Range of Validity of the Autoregressive Sieve Bootstrap', 2010, *Annals of Statistics*, vol. 39, 2103-2130.

34. A. Berg, E. Paparoditis and D. N. Politis, 'A Bootstrap Test for Time Series Linearity', 2010, *Journal of Statistical Planning and Inference,* vol. 140, 3841-3857.

33. E. Paparoditis, 'Validating stationarity assumptions in time series analysis by rolling local periodograms', 2010, *Journal of the American Statistical Association*, vol. 105, 839-851.

32. E. Paparoditis, 'Testing temporal constancy of the spectral structure of a time series', 2009, *Bernoulli*, vol. 15, 1190-1221.

31. M. Sergides and E. Paparoditis, 'Frequency domain tests of semiparametric hypotheses for locally stationary processes', 2009, *Scandinavian Journal of Statistics*, vol. 36, 800-821.

30. H. Dette and E. Paparoditis, 'Bootstrapping frequency domain tests in multivariate time series with an application to testing equality of spectral densities', 2009, *Journal of the Royal Statistical Society, Series B*, vol 71, 831-857.

29. A. Antoniadis, E. Paparoditis and T. Sapatinas, 'Bandwidth selection for functional time series prediction', *Statistics and Probability Letters*, vol 79, 2009, 733-740.

28. M. H. Neumann and E. Paparoditis, 'Simultaneous Confidence Bands in Spectral Density Estimation', *Biometrika*, vol 95, 2008, 381-397.

27. M. Sergides and E. Paparoditis, 'Bootstrapping the Local Periodogram of Locally Stationary Processes', *Journal of Time Series Analysis*, vol 29, 2008, 264-299. Corrigendum: *Journal of Time Series Analysis*, vol 30, 260-261.

26. M. H. Neumann and E. Paparoditis, 'Goodness-of-Fit Tests for Markovian Time Series Models', *Bernoulli*, vol 14, 2008, 14-46.

25. A. Antoniadis, E. Paparoditis and T. Sapatinas, 'A Functional Wavelet-Kernel Approach for Continuous-Time Prediction', *Journal of the Royal Statistical Society, Series B*, vol. 68, 2006, 837-857.

24. C. Parker, E. Paparoditis and D. N. Politis, 'Unit Root Testing via the Stationary Bootstrap', *Journal*

of Econometrics, vol. 133, 2006, pp. 601-638.

23. E. Paparoditis and D. N. Politis, 'Bootstrap Hypothesis Testing in Regression Models', *Statistics and Probability Letters*, vol. 74, 2005, pp. 356-365.

22. E. Paparoditis, 'Testing the Fit of a Vector Autoregressive Moving Average Model', *Journal of Time Series Analysis*, vol. 26, 2005, pp. 543-568.

21. E. Paparoditis and D. N. Politis, 'Bootstrapping Unit Root Tests for Autoregressive Time Series', *Journal of the American Statistical Association,* vol. 100, 2005, pp. 545-553.

20. J.-P. Kreiss and E. Paparoditis, 'Autoregressive Aided Periodogram Bootstrap for Time Series', *The Annals of Statistics*, vol. 31, 2003, pp. 1923-1955.

19. E. Paparoditis and D. N. Politis, 'Residual-Based Block Bootstrap for Unit Root Testing', *Econometrica*, vol. 71, 2003, pp. 813-855.

18. E. Paparoditis and D. N. Politis, 'The Local Block Bootstrap', *C. R. Acad. Sci. Paris*, Series I, vol. 335, 2003, pp. 959-962.

17. E. Paparoditis and D. N. Politis, 'The Local Bootstrap for Markov Processes', *Journal of Statistical Planning and Inference*, vol. 108, No 1-2, 2002, pp. 301-328.

16. E. Paparoditis and D. N. Politis, 'The Tapered Block Bootstrap for General Statistics from Stationary Sequences', *The Econometrics Journal*, vol. 5, 2002, pp. 131-148.

15. E. Paparoditis and D. N. Politis, 'Tapered Block Bootstrap', *Biometrika*, vol. 88, 2001, 1105-1119.

14. E. Paparoditis and D. N. Politis, 'A Markovian Local Resampling Scheme for Nonparametric Estimators in Time Series Analysis', *Econometric Theory*, vol. 17, 2001, pp. 540-566.

13. E. Paparoditis and D. N. Politis, 'Large-Sample Inference in the General AR(1) Model', *Test*, vol. 9, 2000, pp. 487-509.

12. M. H. Neumann and E. Paparoditis, 'On Bootstrapping L_2-Type Statistics in Density Testing', *Statistics and Probability Letters*, vol. 50, 2000, pp. 137-147.

11. E. Paparoditis, 'Spectral Density Based Goodness-of-Fit Tests for Time Series Models', *Scandinavian Journal of Statistics*, vol. 27, 2000, pp. 143-176.

10. E. Paparoditis and D. N. Politis, 'The Local Bootstrap for Kernel Estimators under General Dependence Conditions', *Annals of the Institute of Statistical Mathematics*, vol. 52, 2000, pp. 139-159.

9. E. Paparoditis and D. N. Politis, 'The Local Bootstrap for Periodogram Statistics', *Journal of Time Series Analysis*, vol. 20, 1999, pp. 193-222.

8. D.N. Politis, E. Paparoditis and J.P. Romano, 'Large sample Inference for Irregularly Spaced Dependent Observations Based on Subsampling', *Sankhyā, Series A, vol. 60, 1998, pp. 274-292.*

7. E. Paparoditis, 'A Frequency Domain Bootstrap Based Method for Checking the Fit of a Transfer

Function Model', *Journal of the American Statistical Association, vol. 91, 1996, pp. 1535-1551.*

6. E. Paparoditis, 'Bootstrapping Autoregressive and Moving Average Parameter Estimates of Infinite Order Vector Autoregressive Processes', *Journal of Multivariate Analysis*, vol. 57, 1996, pp. 277-296.

5. E. Paparoditis, 'Bootstrapping Periodogram and Cross Periodogram Statistics of Vector Autoregressive Moving Average Models', *Statistics and Probability Letters*, Vol. 27, 1996, pp. 385-391. (*Erratum*, *Statistics and Probability Letters*, Vol. 31, 1997, p. 243 and *Addentum*, *Statistics and Probability Letters*, Vol. 37, 1998, p. 109).

4. E. Paparoditis, 'On Vector Autocorrelations and Generalized Second Order Functions for Time Series', *Journal of Time Series Analysis*, vol. 15, 1994, pp. 325-334.

3. E. Paparoditis, 'A Comparison of Some Autocovariance Based Methods of Autorogressive Moving Average Model Selection', *Journal of Statistical Computation and Simulation*, vol. 45, 1993, pp. 97-120.

2. E. Paparoditis, 'Modelling Long Term Dependence in Measurement Errors of Plutonium Concentration', *Statistical Papers* vol. 33, 1992, pp. 159-170.

1. E. Paparoditis, B. Streitberg 'Order Identification Statistics in Stationary Autoregressive Moving Average Models: Vector Autocorrelations and the Bootstrap', *Journal of Time Series Analysis*, vol. 13, 1991, pp. 415-435.

BOOK CONTRIBUTIONS

7. E. Paparoditis 'Nonparametric Functional Time Series Prediction', in *Recent Advances in Functional Data Analysis and Related Topics*, Edited by F. Ferraty, 2011, Physica-Verlag: Berlin, pp. 251-254.

6. E. Paparoditis and D. N. Politis, 'Resampling and Subsampling for Financial Time Series', in *Handbook of Financial Time Series*, Edited by T. G. Andersen, R. A. Davis, J.-P. Kreiss and T. Mikosch, 2009, Springer-Verlag: New York, pp. 983-999.

5. A. Dowla, E. Paparoditis and D. N. Politis, 'Locally Stationary Processes and the Local Bootstrap', in *Recent Advances and Trends in Nonparametric Statistics*, Edited by M. G. Akritas and D. N. Politis, 2003, Elsevier: Amsterdam, pp. 437-445.

4. E. Paparoditis, 'Frequency Domain Bootstrap for Time Series', in *Empirical Process Techniques for Dependent Data*, Edited by H. Dehling, T. Mikosch and M. Sørensen, Birkhäuser: Boston, 2002, pp. 365-381.

3. E. Paparoditis and D. N. Politis, 'The Continuous-Path Block-Bootstrap', in *Asymptotics in Statistics and Probability*, Edited by Madan L. Puri, 2001, VSP International Science Publishers, pp. 305-320.

2. E. Paparoditis, 'On Some Power Properties of Goodness-of-Fit Tests in Time Series Analysis', in *Recent Advances in Probability and Statistics* Edited by Ch. A. Charalambides, N. Balakrishnan and M. V. Koutras 2001, Chapman & Hall, pp. 333-348.

1. D. N. Politis, E. Paparoditis and J. P. Romano, 'Resampling Marked Point Processes', in *Multivariate Analysis, Design of Experiments and Survey Sampling*, Edited by S. Ghosh, 1999, Marcell Dekker, Inc., pp.

163-185.

REFEREED CONFERENCE PROCEEDINGS

2. E. Paparoditis and D. N. Politis 'The Backward Local Bootstrap for Conditional predictive Inference in Nonlinear Time Series', in *4th Hellenic-European Conference on Computer Mathematics and its Applications (HERCMA'98),* E. A. Lipitakis (Ed.), Lea Publishing, Athens, Greece, 1998, pp. 467-470.

1. E. Paparoditis, 'Bootstrapping Some Statistics Useful in Identifying ARMA Models', in *Bootstrapping and Related Techniques*, (K.-H. Jöckel, G. Rothe and W. Sendler, eds.), 1992, Lecture Notes in Economics and Mathematical Systems, No. 376, Springer-Verlag: Berlin, pp. 115-119.

RESEARCH MONOGRAPHS

1. E. Paparoditis, 'Vector Autocorrelations of Stochastic Processes and the Identification of Autoregressive Moving Average Models', 1990, (in German). Physica-Verlag: Heidelberg.

BOOK REVIEWS

1. 'Resampling Methods for Dependent Data' by S. N. Lahiri. *Sankhyā, Series A*, 2003. To appear.

2. 'Wavelet Methods in Statistics with R' by G. P. Nason. *Journal of the Royal Statistical Society*, 2010, vol. 173, p. 273.