

Publikációs jegyzék

Ispány Márton

Folyóirat cikkek, könyvfejezetek

- [1] J. B. de Souza, V. A. Reisen, G. C. Franco, M. Ispány, P. Bondon, and J. M. Santos, “Generalized additive model with principal component analysis: an application to time series of respiratory disease and air pollution data,” *Journal of the Royal Statistical Society, Series C*, vol. 67, to appear, 2017.
- [2] J. Reiczigel, M. Ispány, G. Tusnády, G. Michaletzky, and M. Marozzi, “Bias-corrected estimation of the Rudas-Clogg-Lindsey mixture index of fit,” *British Journal of Mathematical and Statistical Psychology*, to appear, 2017.
- [3] M. Ispány, “Some asymptotic results for strongly critical branching processes with immigration in varying environment,” in *Branching Processes and Their Applications*, ser. Lecture Notes in Statistics - Proceedings, I. M. del Puerto, M. V. González, C. Gutiérrez, R. Martínez, C. Minuesa, M. Molina, M. Mota, and A. Ramos, Eds., vol. 219, (MR3587996), Switzerland: Springer, 2016, pp. 77–95.
- [4] N. Bátfai, A. Mamenyák, P. Jeszenszky, G. Kövér, M. Smajda, R. Besenczi, B. Halász, G. Terdik, and M. Ispány, “Avatar-based sport science soccer simulations,” *Annales Mathematicae et Informaticae*, vol. 46, pp. 13–36, 2016.
- [5] N. Bátfai, P. Jeszenszky, A. Mamenyák, B. Halász, R. Besenczi, J. Komzsik, B. Kóti, G. Kövér, M. Smajda, C. Székelyhídi, T. Takács, G. Róka, and M. Ispány, “Competitive programming: a case study for developing a simulation-based decision support system,” *Infocommunication Journal*, vol. 8, no. 1, pp. 24–38, 2016.
- [6] M. Bourguignon, K. Vasconcellos, V. A. Reisen, and M. Ispány, “A Poisson INAR(1) process with a seasonal structure,” *Journal of Statistical Computation and Simulation*, vol. 86, no. 2, pp. 373–387, 2016, (IF:0.749, MR3406739).
- [7] H. Grol-Prokopczyk, E. Verdes, M. McEniry, and M. Ispány, “Promises and pitfalls of anchoring vignettes in health survey research,” *Demography*, vol. 52, no. 5, pp. 1703–1728, 2015, (IF:2.8).
- [8] N. Bátfai, R. Besenczi, A. Mamenyák, and M. Ispány, “Traffic simulation based on the robocar world championship initiative,” *Infocommunication Journal*, vol. 7, no. 3, pp. 50–58, 2015.
- [9] L. Györfi, M. Ispány, P. Kevei, and G. Pap, “Asymptotic behavior of a multi-type nearly critical Galton-Watson processes with immigration,” *Theory of Probability and its Applications*, vol. 59, no. 4, pp. 590–610, 2015, (republication, IF:0.408, MR3431697, Zbl 06526368).
- [10] M. Barczy, M. Ispány, and G. Pap, “Asymptotic behavior of CLS estimators for unstable INAR(2) models,” *Scandinavian Journal of Statistics*, vol. 41, no. 4, pp. 866–892, 2014, (IF:0.867, MR3277028, Zbl 1305.62321).
- [11] L. Györfi, M. Ispány, P. Kevei, and G. Pap, “Asymptotic behavior of a multi-type nearly critical Galton-Watson processes with immigration,” *Teoriya Veroyatnostei i ee Primeneniya*, vol. 59, no. 4, pp. 752–775, 2014.
- [12] M. Ispány, K. Körmendi, and G. Pap, “Statistical inference for 2-type doubly symmetric critical Galton-Watson processes with immigration,” *Bernoulli*, vol. 20, no. 4, pp. 2247–2277, 2014, (IF:1.161, MR3263104, Zbl 1321.60178).
- [13] M. Ispány and G. Pap, “Asymptotic behavior of critical primitive multi-type branching processes with immigration,” *Stochastic Analysis and Applications*, vol. 32, no. 5, pp. 727–741, 2014, (IF:0.445, MR3254703, Zbl 1320.60144).
- [14] M. Ispány and E. Verdes, “On robustness of π^* goodness-of-fit measure,” *Journal of Mathematical Sciences*, vol. 200, no. 4, pp. 432–440, 2014, (MR3228341, Zbl 1306.62127).
- [15] N. Bátfai, R. Dóczi, J. Komzsik, A. Mamenyák, C. Székelyhídi, J. Zákány, M. Ispány, and G. Terdik, “Applications of a simplified protocol of RoboCup 2D Soccer Simulation,” *Infocommunication Journal*, vol. 5, no. 1, pp. 15–20, 2013.

- [16] M. Barczy, M. Ispány, G. Pap, M. Scotto, and M. E. Silva, “Additive outliers in INAR(1) models,” *Statistical Papers*, vol. 53, no. 4, pp. 935–949, 2012, (IF:0.683, MR2992926, Zbl 1254.62091).
- [17] M. Barczy, M. Ispány, and G. Pap, “Asymptotic behavior of unstable INAR(p) processes,” *Stochastic Processes and their Applications*, vol. 121, no. 3, pp. 583–608, 2011, (IF:1.01, MR2763097, Zbl 1241.62122).
- [18] N. Bátfai, M. Ispány, P. Jeszenszky, S. Széll, and G. Vaskó, “A debreceni egyetem labdarúgást szimuláló szemináriuma,” *Híradástechnika*, vol. 66, no. 1, pp. 32–36, 2011, [in hungarian].
- [19] M. Ispány and G. Pap, “A note on weak convergence of random step processes,” *Acta Mathematica Hungarica*, vol. 126, no. 4, pp. 381–395, 2010, (IF:0.522, MR2629664, Zbl 1274.60109).
- [20] M. Ispány and G. Pap, “Critical branching processes with immigration,” in *Proceedings of the Workshop on Branching Processes with Applications*, ser. Lecture Notes in Statistics, M. V. González, I. M. del Puerto, R. Martínez, M. Molina, M. Mota, and A. Ramos, Eds., vol. 197, (MR2730924), Berlin Heidelberg: Springer, 2010, pp. 135–146.
- [21] M. Barczy, M. Ispány, G. Pap, M. Scotto, and M. E. Silva, “Innovational outliers in INAR(1) models,” *Communications in Statistics. Theory and Methods*, vol. 39, no. 18, pp. 3343–3362, 2010, (IF:0.406, MR2747588, Zbl 1202.62109).
- [22] M. Ispány, “Limit theorems for normalized nearly critical branching processes,” *Publicationes Mathematicae*, vol. 72, no. 1–2, pp. 17–34, 2008, (IF:0.346, MR2376856, Zbl 1164.60061).
- [23] L. Györfi, M. Ispány, G. Pap, and K. Varga, “Poisson limit of an inhomogeneous nearly critical INAR(1) model,” *Acta Scientiarum Mathematicarum*, vol. 73, no. 3–4, pp. 783–809, 2007, (MR2380077, Zbl 1174.60042).
- [24] S. Baran, J. Gáll, M. Ispány, and G. Pap, “Forecasting Hungarian mortality rates using the Lee-Carter method,” *Acta Oeconomica*, vol. 57, no. 1, pp. 21–34, 2007.
- [25] M. Ispány and I. Krasznahorkay, “On speed of stochastic CART model search,” *Austrian Journal of Statistics*, vol. 36, no. 1, pp. 27–40, 2007.
- [26] M. Ispány, G. Pap, and M. v. Zuijlen, “Fluctuation limit of branching processes with immigration and estimation of the means,” *Advances in Applied Probability*, vol. 37, no. 2, pp. 523–538, 2005, (IF:0.733, MR2144565, Zbl 1069.62065).
- [27] M. Ispány, G. Pap, and M. v. Zuijlen, “Critical branching mechanisms with immigration and Ornstein-Uhlenbeck type diffusions,” *Acta Scientiarum Mathematicarum*, vol. 71, no. 3–4, pp. 821–850, 2005, (MR2206610, Zbl 1120.60308).
- [28] S. Szőke, I. Komlósi, E. Korom, M. Ispány, and S. Mihók, “A statistical analysis of population variability in Bronze Turkey considering gene conservation,” *Archives of Animal Breeding*, vol. 47, no. 4, pp. 377–386, 2004, (IF:0.477).
- [29] S. Szőke, I. Komlósi, E. Korom, M. Ispány, and S. Mihók, “Vizsgálatok egy génrezerv pulykapopulációban,” *Acta Agraria Debreceniensis*, vol. 13, pp. 48–52, 2004, [in hungarian].
- [30] M. Ispány, G. Pap, and M. v. Zuijlen, “Asymptotic inference for nearly unstable INAR(1) models,” *Journal of Applied Probability*, vol. 40, no. 3, pp. 750–765, 2003, (IF:0.491, MR1993265, Zbl 1042.62080).
- [31] M. Ispány, G. Pap, and M. v. Zuijlen, “Asymptotic behaviour of estimators of the parameters of nearly unstable INAR(1) models,” in *Foundations of Statistical Inference. Proceedings of the Shores Conference 2000*, ser. Contributions to Statistics, Y. Haitovsky, H. R. Lerche, and Y. Ritov, Eds., (MR 2017825), Heidelberg: Physica-Verlag, 2003, pp. 195–206.
- [32] I. Lőrincz, L. Tóth, and M. Ispány, “Kreativitás és tanulásban akadályozottság,” *Alkalmazott Pszichológia*, vol. 4, no. 1, pp. 35–57, 2002, [in hungarian].
- [33] M. Arató, S. Baran, and M. Ispány, “On functionals of complex Ornstein-Uhlenbeck processes,” *Computers & Mathematics with Applications*, vol. 37, no. 1, pp. 1–13, 1999, (IF:0.314, MR1664240, Zbl 1043.62527).
- [34] M. Ispány, “On stationarity and second order properties of a scalar-valued nonlinear time series with Gaussian residuals,” *Computers & Mathematics with Applications*, vol. 35, no. 4, pp. 95–104, 1998, (IF:0.3, MR1604724, Zbl 0905.62089).
- [35] M. Ispány, “On stationarity of additive bilinear state-space representation of time series,” in *Stochastic Differential and Difference Equations. Conference on Stochastic Differential and Difference Equations, Győr, Hungary, August 21-24, 1996*, ser. Progress in Systems and Control Theory, I. Csiszár and G. Michaletzky, Eds., vol. 23, (MR1636833, Zbl 0881.62089), Boston: Birkhäuser, 1997, pp. 143–155.

- [36] M. Ispány and G. Terdik, “Criteria for the existence of even order moments of bilinear time series,” *Communications in Statistics. Stochastic Models*, vol. 9, no. 2, pp. 255–273, 1993, (MR1213071, Zbl 0777.60032).
- [37] M. Ispány and G. Terdik, “A note on stationarity of bilinear models,” *Publicationes Mathematicae*, vol. 38, no. 1–2, pp. 165–173, 1991, (IF:0.026, MR1100914, Zbl 0725.60028).

Konferencia cikkek

- [38] R. Besenczi, M. Szilágyi, N. Bátfai, A. Mamenyák, S. Oniga, and M. Ispány, “Using crowdsensed information for traffic simulation in the Robocar World Championship framework,” in *Cognitive Infocommunications (CogInfoCom), 2015 6th IEEE International Conference on*, ser. 19–21 October, 2015, (DOI: 10.1109/CogInfoCom.2015.7390614), Danvers, USA: IEEE, 2015, pp. 333–337.
- [39] N. Bátfai, R. Besenczi, A. Mamenyák, and M. Ispány, “OOCWC: the robocar world championship initiative,” in *Proceedings of the 13th International Conference on Telecommunications (ConTEL 2015)*, T. Planck, Ed., ser. 13–15 July, 2015, IEEE, Danvers, USA: Graz University of Technology, Graz, Austria, 2015, pp. 1–6.
- [40] L. Szathmáry and M. Ispány, “CGT: a vertical miner for frequent equivalence classes of itemsets,” in *Proceedings of the 1st International Conference and Exhibition on Future RFID Technologies*, ser. 6–7 November, 2014, [electronic], Eger, Hungary: EKTF, 2015, pp. 161–169.
- [41] R. Szabó, K. Farkas, M. Ispány, A. A. Benczúr, N. Bátfai, P. Jeszenszky, S. Laki, A. Vágner, L. Kollár, C. Sidló, R. Besenczi, M. Smajda, G. Kövér, T. Szincsák, T. Kádek, M. Kósa, A. Adamkó, I. Lendák, B. Wiandt, T. Tomas, A. Z. Nagy, and G. Fehér, “Framework for smart city applications based on participatory sensing,” in *Proceedings of IEEE 4th International Conference on Cognitive Infocommunications (CogInfoCom)*, ser. 2–5 December, 2013, (DOI: 10.1109/CogInfoCom.2013.6719260), Piscataway, NJ: IEEE, 2013, pp. 295–300.
- [42] A. Fülöp and M. Ispány, “Virtual military robot controlled by emotical agents using reinforcement learning,” in *Proceedings of the 8th International Conference on Applied Informatics (ICAI 2010)*, A. Egri-Nagy, E. Kovács, G. Kovásznai, G. Kusper, and T. Tómacs, Eds., ser. 27–30 January, 2010, Eger, Hungary: EKTF, 2011, pp. 71–77.
- [43] M. Ispány, G. Michaletzky, J. Reiczigel, G. Tusnády, P. Tusnády, and K. Varga, “Approximation of non-negative integer-valued matrices with application to hungarian mortality data,” in *Proceedings of the 19th International Symposium on Mathematical Theory of Networks and Systems (MTNS 2010)*, A. Edelmayer, Ed., ser. 5–9 July, 2010, [electronic], Budapest, Hungary: MTA SZTAKI, 2010, pp. 831–838.
- [44] M. Ispány, “Limit theorems for critical inhomogeneous branching processes with immigration,” in *International Conference on Probability and Statistics with Applications. Dedicated to the 100th anniversary of the birthday of Béla Gyires*, M. Arató, Z. Daróczy, K. Györy, and A. Pethő, Eds., [abstract, electronic], Debrecen: Debreceni Egyetem, TEK, Informatikai Kar, 2009.
- [45] M. Ispány, “Application of the MCMC algorithm in Web mining,” in *Proceedings of the 6th International Conference on Applied Informatics (ICAI 2004)*, L. Csőke, P. Olajos, P. Szigetváry, and T. Tómacs, Eds., ser. 27–31 January, 2004, Eger, Hungary: EKTF, 2005, pp. 211–219.
- [46] M. Ispány, G. Michaletzky, T. Rudas, and G. Tusnády, “A robust modification of the EM algorithm,” in *International Conference on Robust Statistics (ICORS 2003)*, ser. 13–18 July, 2003, [electronic], Antwerp, Belgium, 2003.
- [47] I. Csiszár, M. Ispány, G. Michaletzky, T. Rudas, G. Tusnády, and E. Verdes, “Divergence minimization under prior inequality constraints,” in *Proceedings of the IEEE International Symposium on Information Theory*, ser. 24–29 June, 2001, (DOI: 10.1109/ISIT.2001.935884), Washington DC, USA, 2001, p. 21.
- [48] N. Bátfai, S. Erdei, and M. Ispány, “Developing a numerical library in java,” in *Proceedings of the 4th International Conference on Applied Informatics (ICAI 1999)*, E. Kovács and Z. Winkler, Eds., ser. August 30 – September 3, 1999, (Zbl 0997.68170), Eger-Noszvaj, Hungary: EKTF, 2001, p. 345.
- [49] M. Ispány, “On affine state-space representation of time series,” in *Proceedings of COMCON 8th: International Conference on Advances in Communications and Control, Telecommunications/Signal Processing*, W. R. Wells, Ed., ser. Crete, Greece, 25–29 June, 2001, (ISBN 0-911575-78-2), New York Los Angeles: Optimization Softw., INC., 2002, pp. 591–602.
- [50] M. Ispány, “Spectral analysis of some nonlinear time series models,” in *Proceedings of the 3rd International Conference on Applied Informatics (ICAI 1997)*, E. Kovács, Z. Kovács, B. Csertő, and L. Pépei, Eds., ser. 24–28 August, 1997, Eger-Noszvaj, Hungary: EKTF, 1997, pp. 69–84.

- [51] M. Ispány, “Stationarity and parameter estimation of autoregressive processes with subordinated random coefficient,” in *Proceedings of the 9th European Young Statisticians Meeting (EYSM)*, Rotterdam, The Netherlands, 1995, pp. 26–30.

Technikai riportok

- [1] L. Györfi, M. Ispány, P. Kevei, and G. Pap, “Asymptotic behavior of a multi-type nearly critical Galton-Watson processes with immigration,” arXiv.org, arXiv:1307.7917, Tech. Rep., 2013.
- [2] M. Ispány, K. Körmendi, and G. Pap, “Asymptotic behavior of CLS estimators for 2-type doubly symmetric critical Galton-Watson processes with immigration,” arXiv.org, arXiv:1210.8315, Tech. Rep., 2012.
- [3] M. Ispány and G. Pap, “Asymptotic behavior of critical primitive multi-type branching processes with immigration,” arXiv.org, arXiv:1205.0388, Tech. Rep., 2012.
- [4] M. Barczy, M. Ispány, and G. Pap, “Asymptotic behavior of CLS estimator of autoregressive parameter for nonprimitive unstable INAR(2) models,” arXiv.org, arXiv:1006.4641, Tech. Rep., 2010.
- [5] M. Barczy, M. Ispány, G. Pap, M. Scotto, and M. E. Silva, “Outliers in INAR(1) models,” arXiv.org, arXiv:0903.2421, Tech. Rep., 2010.
- [6] M. Barczy, M. Ispány, and G. Pap, “Asymptotic behavior of unstable INAR(p) processes,” arXiv.org, arXiv:0908.4560, Tech. Rep., 2009.
- [7] M. Ispány and G. Pap, “Weak convergence of step processes and an application for critical multitype branching processes with immigration,” arXiv.org, arXiv:0701803v1, Tech. Rep., 2007, (version 1).
- [8] L. Györfi, M. Ispány, G. Pap, and K. Varga, “Poisson limit of an inhomogeneous nearly critical INAR(1) model,” arXiv.org, arXiv:math/0703754, Tech. Rep., 2007.
- [9] S. Baran, J. Gáll, M. Ispány, and G. Pap, “Magyarországi makrogazdasági idősorok előrejelzése,” Tech. Rep., 2005.
- [10] S. Baran, J. Gáll, M. Ispány, and G. Pap, “Magyarországi halálozási valószínűségek előrejelzése Lee-Carter módszerrel,” Tech. Rep., 2005.
- [11] M. Ispány, G. Pap, and M. v. Zuijlen, “Critical branching mechanisms with immigration and Ornstein-Uhlenbeck type diffusions,” University of Nijmegen, Nijmegen, The Netherlands, Tech. Rep. 0319, 2003.
- [12] M. Ispány, G. Pap, and M. v. Zuijlen, “Asymptotic behaviour of estimators of the parameters of nearly unstable INAR(1) models,” University of Nijmegen, Nijmegen, The Netherlands, Tech. Rep. 0120, 2001.
- [13] M. Ispány, G. Pap, and M. v. Zuijlen, “Fluctuation limit of branching processes with immigration and estimation of the means,” University of Nijmegen, Nijmegen, The Netherlands, Tech. Rep. 0131, 2001.
- [14] M. Ispány, G. Pap, and M. v. Zuijlen, “Asymptotic inference for nearly unstable INAR(1) models,” University of Nijmegen, Nijmegen, The Netherlands, Tech. Rep. 0109, 2000.
- [15] M. Ispány, “On first-order time varying ARMA processes,” Institute of Mathematics and Informatics, University of Debrecen, Hungary, Tech. Rep. 252, 2000.
- [16] M. Ispány, “Time varying bilinear models with Gaussian innovation,” Institute of Mathematics and Informatics, University of Debrecen, Hungary, Tech. Rep. 251, 2000.
- [17] M. Ispány, “Affine state space representation of nonlinear time series,” Institute of Mathematics and Informatics, University of Debrecen, Hungary, Tech. Rep. 4, 2000.
- [18] S. Baran and M. Ispány, “Idősorok analízise a sas rendszerrel,” Institute of Mathematics and Informatics, KLTE, Hungary, Tech. Rep. 18, 1997, [in hungarian].
- [19] M. Ispány, “Random coefficient autoregressive processes,” Institute of Mathematics and Informatics, KLTE, Hungary, Tech. Rep. 111, 1994.
- [20] M. Ispány, “Bilinear time series models on Hilbert space,” Institute of Mathematics and Informatics, KLTE, Hungary, Tech. Rep. 113, 1994.
- [21] M. Ispány, “Moment inequalities for completely regular processes with applications,” Institute of Mathematics and Informatics, KLTE, Hungary, Tech. Rep. 126, 1994.
- [22] M. Ispány, “A generalized Frobenius-Perron theorem with applications,” Institute of Mathematics and Informatics, KLTE, Hungary, Tech. Rep. 83, 1993.
- [23] G. Terdik and M. Ispány, “Criteria for the existence of even order moments of bilinear time series,” Institute of Mathematics and Informatics, KLTE, Hungary, Tech. Rep., 1991.

Előadások nemzetközi és hazai konferenciákon

- [1] with J. B. de Souza, V. A. Reisen, G. C. Franco, P. Bondon, and J. M. Santos, *An application of the gamma-pca-var model to respiratory disease and air pollution data*, ITISE 2017 (International work-conference on Time Series), Granada, Spain, 18–20 September, 2017.
- [2] *Limit theorems for critical branching processes with immigration in varying environment*, XXXIV. International Seminar on Stability Problems for Stochastic Models, Debrecen, Hungary, 25–29 August, 2017.
- [3] *Közlekedéselemzés okos városokban*, Műszaki Térinformatika Egyesület 2017. évi konferenciája, [in hungarian], Eger, Magyarország, 2017. június 1–2.
- [4] *Kritikus elágazó folyamatok bevándorlással változó környezetben*, ELTE TTK Valószínűségelméleti és Statisztika Tanszék, Tanszéki szeminárium, [in hungarian], Budapest, Magyarország, 2015 június 12.
- [5] *On critical branching processes with immigration in varying environment*, III Workshop on Branching Processes and their Applications, Badajoz, Spain, 7–10 April, 2015.
- [6] *Szezonális struktúrájú egész értékű autoregressziós folyamatok*, Határeloszlás-tételek és alkalmazásai, MTA ülészak, [in hungarian], Budapest, Magyarország, 2015. május 20.
- [7] *Poisson INAR processes with serial and seasonal correlation*, Workshop on Time Series and Counting Processes with Application to Environmental and Networking Problems, Supélec, France, 30 January, 2015.
- [8] *Integer valued time series, Poisson INAR processes with serial and seasonal correlation*, 17. Gyires Béla Informatikai nap, Debrecen, Hungary, 2014 december 19.
- [9] *Poisson INAR processes with serial and seasonal correlation*, Workshop on Time Series with Application to Air Pollution Problem, Vitoria, Brazil, 27 October, 2014.
- [10] *Poisson INAR processes with serial and seasonal correlation*, International Work-Conference on Time Series Analysis (ITISE 2014), Granada, Spain, 25–27 June, 2014.
- [11] *Measuring criticality of time-varying branching processes with immigration*, 9th European Meeting of Statisticians, Budapest, Hungary, 20–25 July, 2013.
- [12] *Integer valued time series with applications*, MAT Fall School 2012, Visegrád, Hungary, 9–10 November, 2012.
- [13] *Nem-negatív egész értékű mátrixok approximációja és alkalmazása a magyar mortalitási adatokra*, BJMT Alkalmazott Matematikai Konferencia 2012, [in hungarian], Győr, Magyarország, 2012. június 21–23.
- [14] *Testing for a unit root in INAR(p) models*, Conference on Stochastic Models and their Applications, Dedicated to the 80th birthday of Mátyás Arató, Debrecen, Hungary, 22–24 August, 2011.
- [15] *Testing for a unit root in INAR(p) models*, Second International Workshop on Integer Valued Time Series (WINTS 2011), Protaras, Cyprus, 19–21 June, 2011.
- [16] with M. Barczy and G. Pap, *Asymptotic behavior of unstable INAR(p) processes*, Prague Stochastics 2010, Prague, Czech Republic, 30 August – 3 September, 2010.
- [17] *Approximation of non-negative integer-valued matrices with application to hungarian mortality data*, 19th International Symposium on Mathematical Theory of Networks and Systems (MTNS 2010), Budapest, Hungary, 5–9 July, 2010.
- [18] with L. Györfi, G. Pap, and K. Varga, *On limit of inhomogeneous nearly unstable INAR models*, 8th International Conference on Applied Informatics (ICAI 2010), Eger, Hungary, 27–30 January, 2010.
- [19] *Collaborative INAR(1) processes and random forests*, Workshop on Integer-valued Time Series Modelling (WINTS 2009), Aveiro, Portugal, 3–5 September, 2009.
- [20] *Limit theorems for critical inhomogeneous branching process with immigration*, International Conference on Probability and Statistics with Applications, Dedicated to the 100th anniversary of the birthday of Béla Gyires, Debrecen, Hungary, 8–12 June, 2009.
- [21] *Limit theorems for critical inhomogeneous branching process with immigration*, XXVIII International Seminar on Stability Problems for Stochastic Models, Zakopane, Poland, 31 May – 5 June, 2009.
- [22] *Limit theorems for critical inhomogeneous branching process with immigration*, Workshop on Branching Processes with Applications, (invited speaker), Badajoz, Spain, 20–23 April, 2009.
- [23] with B. Kis, *Az e-learning oktatás hatékonyságának statisztikai vizsgálata*, MoodleMoot 2007, [in hungarian], Debrecen, Magyarország, 2007. november 16–17.

- [24] with G. Fazekas and . Kovács, *E-learning tananyagok és tesztek minőségbiztosítása a Moodle segítségével*, MoodleMoot 2007, [in hungarian], Debrecen, Magyarország, 2007. november 16–17.
- [25] *A new martingale limit theorem with applications for critical branching processes with immigration*, 6th Session of the ISI, Lisboa, Portugal, 22–29 August, 2007.
- [26] *Critical multitype branching processes with immigration*, Probability at Warwick, Warwick, UK, 23–27 July, 2007.
- [27] with Á. Papp, *Applications of ensemble methods in data mining*, 7th International Conference on Applied Informatics (ICAI 2007), Eger, Hungary, 28–31 January, 2007.
- [28] *Critical multitype branching processes with immigration*, XXVI. Seminar on Stability Problems for Stochastic Models, Sovata-Bai, Romania, 27 August – 2 September, 2006.
- [29] *Adatbányászat oktatása SAS-sal a Debreceni Egyetemen*, SAS Felsőoktatási Fórum, Budapest, Magyarország, 2006. július 11.
- [30] *Statistical inference for multitype branching processes with immigration*, 9th International Conference on Probability Theory and Mathematical Statistics, Vilnius, Lithuania, 25–30 June, 2006.
- [31] with S. Baran, J. Gáll, and G. Pap, *Prediction of hungarian mortality rates using Lee-Carter method*, Fourth Conference on Applied Mathematics and Scientific Computing, Brijuni, Croatia, 19–24 June, 2005.
- [32] *Critical branching processes with immigration*, Third Croatian Congress of Mathematics, Split, Croatia, 16–18 June, 2004.
- [33] *Instabil és nemlineáris idősorok vizsgálata*, II. Gyires Béla Informatikai Nap, [in hungarian], Debrecen, Magyarország, 2003. december 18.
- [34] with Sz. Szőke, I. Komlósi, E. Korom, and S. Mihók, *Egy pulykapopuláció genetikai vizsgálata*, V. Magyar genetikai kongresszus, [poster, in hungarian], Siófok, Magyarország, 2003. április 13–15.
- [35] *Application of the MCMC algorithm in Web mining*, 6th International Conference on Applied Informatics (ICAI 2004), Eger, Hungary, 27–31 January, 2004.
- [36] with Gy. Michaletzky, T. Rudas, and G. Tusnády, *A robust modification of the EM algorithm*, International Conference on Robust Statistics (ICORS 2003), [poster], Antwerp, Belgium, 13–18 July, 2003.
- [37] *Limit theorems for two-dimensional critical branching processes with immigration*, 8th International Conference on Probability Theory and Mathematical Statistics, Vilnius, Lithuania, 23–29 June, 2002.
- [38] *Adatbányászat oktatása a SAS rendszerrel*, Informatika a felsőoktatásban 2002, [in hungarian], Debrecen, Magyarország, 2002. augusztus 28–30.
- [39] *SAS a Debreceni Egyetemen. Adatbányászati alkalmazások*, SAS Klub, [in hungarian], 2002. október 16–17.
- [40] *On affine state-space representation of time series*, 8th International Conference on Advances in Communications and Control, Crete, Greece, 25–29 June, 2001.
- [41] *Non-linear time series models with time varying parameters*, Foundation of Statistical Inference: Applications in the Medical and Social Sciences, in Industry, and the Interface with Computer Science, Shores, Israel, 17–21 December, 2001.
- [42] *On affine state-space representation of time series*, Conference on Information Theory, Cryptography and Statistics (Birthday Celebration of K. Marton, T. Nemetz and G. Tusnády), Budapest, Hungary, 19–21 October, 2001.
- [43] *Some remarks on stability of time varying ARMA models*, XXI Seminar on Stability of Stochastic Models, Eger, Hungary, 28 January – 3 February, 2001.
- [44] *Time dependent representations of nonlinear and nonstationary time series*, STAT’2000 International Conference on Mathematical Statistics, Wroclaw, Poland, 21–25 August, 2000.
- [45] *Autoregressive evolution in nonlinear Gaussian environment*, XX International Seminar on Stability Problems for Stochastic Models, Lublin–Naleczow, Poland, 5–11 September, 1999.
- [46] *On state-space representation of nonlinear time series models with Gaussian innovation*, 4th Seminar European de Statistique, Complex Stochastic Systems, [poster], EURANDOM, Eindhoven, The Netherlands, 15–20 March, 1999.
- [47] *On affn state space representation of nonlinear time series*, Colloquium on Limit Theorems in Probability and Statistics, poster, Balatonlelle, Hungary, June 28 – July 2, 1999.

- [48] *Wiener integral and linear L^2 -functionals of stochastic measures on Banach spaces*, 7th Vilnius Conference on Probability Theory and 22nd European Meeting of Statisticians, Vilnius, Lithuania, 12–18 August, 1998.
- [49] *Magyarországi meteorológiai idősorok elemzése a SAS rendszerrel*, SAS Klub 1998, [in hungarian], Budapest, Magyarország.
- [50] *On stationarity and identification of general nonlinear time series with Gaussian innovation*, 6th International Conference on Advances in Communication and Control, Corfu, Greece, 23–27 June, 1997.
- [51] *On additive bilinear state space representation of stationary time series*, Conference on Stochastic Differential and Difference Equations, Győr, Hungary, 21–24 August, 1996.
- [52] *Stationarity and parameter estimation of autoregressive processes with subordinated random coefficient*, 9th European Young Statisticians Meeting, Rotterdam, The Netherlands, 14–18 August, 1995.
- [53] *Random coefficient autoregressive processes*, XVI. Seminar on Stability Problems of Stochastic Models, Eger, Hungary, 29 August – 3 September, 1994.
- [54] *L^2 -functionals of Gaussian c.a.o.s. measure via multiple Wiener-Itô integral*, 8th European Young Statisticians Meeting, Palanga, Lithuania, 5–12 September, 1993.
- [55] *On stationary solution of a H -valued nonlinear stochastic difference equation*, II. New trends in probability and statistics, Munkács, Ukrajna, 27 September – 3 Oktober, 1992.

Frissítve: September 2, 2017