

**Department of Mathematics**  
**University of Pannonia**  
**Publications 2006-2011**

**JOURNAL ARTICLES CITED BY THE SCIENCE CITATION**

1. Appleby JAD, Györi I, Reynolds DW, History-dependent decay rates for a logistic equation with infinite delay, *P Roy Soc Edinb A* 141, pp. 23-44. (2011) ISSN: 0044-0604, IF=0,669
2. Bujtás Cs., Gy. Dósa, Cs. Imreh, J. Nagy-György, Zs. Tuza: The Graph-Bin Packing Problem. *International Journal of Foundations of Computer Science* 22:(8), pp. 1971-1993. (2011) ISSN 0129-0541, IF=0,459
3. Dósa Gy., Epstein L.: Online scheduling with a buffer on related machines, *Journal of Combinatorial Optimization* 20:(2), pp. 161-179. (2010) ISSN: 1382-6905, IF=0,843
4. Dósa Gy., Epstein L.: Preemptive online scheduling with reordering, *SIAM Journal on Discrete Mathematics* 25:(1), pp. 21-49. (2011) ISSN 0895-4801, IF=0,626
5. Dósa Gy., Tuza, Zs, Ye, D: Bin packing with „Largest In Bottom” constraint, Tighter bounds and generalizations, *Journal of Combinatorial Optimization*, Published online: 09 July 2011, DOI: 10.1007/s10878-011-9408-0 ISSN: 1382-6905, IF=0,843
6. Dósa Gy., Yuxin Wang, Xin Han, He Guo: Online scheduling with rearrangement on two related machines, *Theoretical Computer Science*, 412:(8-10), pp. 642-653. (2011) ISSN: 0304-3975, IF=0,838
7. Feczko T., Tóth J., Dósa Gy., Gyenis, J.: Influence of process conditions on the mean size of PLGA nanoparticles, *Chemical Engineering and Processing* 50, pp. 846-853. (2011) ISSN: 0255-2701, IF=1,742
8. Feczko T., Tóth J., Dósa Gy., Gyenis, J.: Optimization of protein encapsulation in PLGA nanoparticles, *Chemical Engineering and Processing* 50:(8), pp. 757-765. (2011) ISSN: 0255-2701, IF=1,742
9. Györi I., Hartung F.: Asymptotic behavior of nonlinear difference equations, *Journal of Difference Equations and Applications*, (2011) DOI 10.1080/10236198.2011.574619, ISSN: 1563-5120, IF=0,951
10. Györi I., Horváth L.: lp -solutions and stability analysis of difference equations using the Kummer's test, *Appl Math Comput* 217:(24), pp. 10129-10145. (2011) ISSN: 0096-3003, IF=1,534
11. Hartung F.: Differentiability of solutions with respect to the initial data in differential equations with state-dependent delays, *J Dyn Differ Equ* 23:(4), pp. 843-884. (2011) ISSN: 1040-7294, IF=1,375
12. Hartung F.: On Differentiability of Solutions with respect to Parameters in Neutral Differential Equations with State-Dependent Delays, *Ann Mat Pur Appl* (2011) DOI 10.1007/s10231-011-0210-5, ISSN: 1618-1891, IF=0,896

13. Horváth L.: A method to refine the discrete Jensen's inequality for convex and mid-convex functions, *Math Comput Model* 54:(9-10), pp. 2451-2459. (2011) ISSN: 0895-7177, IF=1,066
14. Horváth L.: A parameter-dependent refinement of the discrete Jensen's inequality for convex and mid-convex functions, *J Inequal Appl* 2011:26, (2011) ISSN 1029-242X, IF=0,879
15. Horváth L., Pečarić J.: A refinement of the discrete Jensen's inequality, *Math Inequal Appl* 14:(4), pp. 777-791. (2011) ISSN: 1331-4343, IF=0,524
16. Horváth L., Khan K. A., Pečarić J.: Refinements of results about weighted mixed symmetric means and related Cauchy means, *J Inequal Appl* Art. ID 350973. (2011) ISSN 1029-242X, IF=0,879
17. Orbán-Mihálykó É., Mihálykó Cs.: Mathematical investigation of the Gerber-Shiu function in the case of dependent inter-claim time and claim size, *Insurance: Mathematics and Economics* 48, pp. 378-383. (2011) ISSN 0167-6687, IF=1,178
18. Pituk M.: A link between the Perron-Frobenius theorem and Perron's theorem for difference equations, *Linear Algebra and its Applications* 434, pp. 490-500. (2011) ISSN: 0893-9659, IF=1,127
19. Szalkai B., Szalkai I.: Counting minimal reactions with specific conditions in  $\mathbb{R}^4$ , *Journal of Mathematical Chemistry* 49:(5), pp. 1071-1085. (2011) ISSN: 0259-9791, IF= 1,245
20. Dósa Gy., Tan Z.: New upper and lower bounds for online scheduling with machine cost, *Discrete Optimization*, 7(3) 125-135, (2010) ISSN: 1572-5286, IF:0.729
21. Györi I., Hartung F.: Asymptotically exponential solutions in nonlinear integral and differential equations, *J. Differential Equations* 249. 1322-1352 (2010) ISSN: 0022-0396, IF:1.426
22. Györi I., Horváth L.: A new view of the  $\mathbb{P}$ -theory for a system of higher order difference equations, *Computers and Mathematics with Applications* 59, 2918-2932. (2010) ISSN: 0898-1221, IF:1.192
23. Györi I., Horváth L.: Asymptotic constancy in linear difference equations: Limit formulae and sharp conditions, *Advances in Difference Equations*, 2010, Article ID 789302, 20 pages (doi:10.1155/2010/789302) (2010) ISSN: 1687-1839, IF:0.892
24. Györi I., Horváth L.: Asymptotic behaviour of the solutions of a nonautonomous linear delay difference systems, *Applied Mathematics and Computation*, 217, 40205-40216 (2010) ISSN: 0096-3003, IF:1.124
25. Györi I., Reynolds D. W.: On admissibility of of the resolvent of discrete Volterra equations, *J. Difference Equations Appl.*, 16, 1393-1412. (2010) ISSN: 1023-6198, IF:0.836
26. Krasznai B., Györi I., Pituk M.: The modified chain method for a class of delay differential equations arising in neural networks, *Mathematical and Computer Modelling*, 51, 452-460, (2010) ISSN: 0895-7177, IF:1.103
27. Krasznai B., Györi I., Pituk M.: Positive decreasing solutions of higher-order nonlinear difference equations, *Advances in Difference Equations*, 2010, Article ID 973432, 16 pages (doi:10.1155/2010/973432) (2010) ISSN: 1687-1839, IF:0.892

28. Süle Z., Lakatos B.G., Mihálykó Cs.: Axial dispersion/population balance model of heat transfer in turbulent fluidization, *Computers and Chemical Engineering*, 34, 753-762 (2010), ISSN: 0098-1354, IF:1.808
29. Dósa, Gy., Speranza, M.G., Tuza, Zs., Two uniform machines with nearly equal speeds:  
unified approach to known sum and known optimum in semi online scheduling, *J. Comb. Optim.*, DOI, 10.1007/s10878-009-9265-2.(2009) ISSN 1382-6905, IF: 0.701
30. Györi I., Reynolds D.W.: Sharp conditions for boundedness in linear discrete Volterra equations, *J. Difference Equations and Applications*, 15 (2009) 1151-1164. ISSN 1023-6198, IF: 0867
31. Horváth L.: Generalized Bihari type inequalities and the corresponding integral equations, *J. Inequal. Appl.* 2009, Art. ID 409809, 20pp. ISSN 1025-5834, IF: 0.764
32. Medina R., Pituk M.: Nonoscillatory solutions of a second order difference equation of Poincaré type, *Applied Mathematics Letters* 22 (2009) 679-683. ISSN 0893-9659, IF: 0.948
33. Pituk M.: Nonhomogeneous iterations with asymptotically constant coefficients, *Linear Algebra and its Applications* 431 (2009) 1815-1824. ISSN 0024-3795, IF: 0.878
34. Vathy-Fogarassy A., Abonyi J.: Local and Global Mappings of Topology Representing Networks. *Information Sciences*, Vol. 179., 3791-3803, (2009) ISSN 0020-0255, IF: 3,095
35. Dósa, G., Epstein, L., Preemptive scheduling on a small number of hierarchical machines.  
*Information and Computation.* 206(5) 602-619. (2008) ISSN: 0890-5401, IF: 1.107
36. Dósa, Gy., Epstein, L., Online scheduling with a buffer on related machines, *Journal of Combinatorial Optimization*, Published online: 10 December (2008) DOI: 10.1007/s10878-008-9200-y, ISSN: 1382-6905, IF: 0.615
37. Györi, I., Horváth, L., Asymptotic representation of the solutions of linear Volterra difference equations, *Advances in Difference Equations*, Volume 2008, Article ID 932831, 22 pages, (2008) doi: 100.1155/2008/932831. IF: 0,437
38. Györi I., Horváth L., New limit formulas for the convolution of a function with a measure and their applications, *Journal of Inequalities and Applications*, Volume 2008, Article ID 748929, 35 pages, (2008) doi: 10.1155/2008/748929. IF: 0,408
39. Hartung, F., Linearized Stability for a Class of Neutral Functional Differential Equations with State-Dependent Delays, *J. Nonlinear Analysis: Theory, Methods and Applications*, 69 (2008) 1629–1643. (2008) ISSN 0362-546X, IF: 0,677
40. Lakatos, B.G., Süle, Z., Mihálykó, Cs., Population Balance Model of Heat Transfer in Gas-Solid Particulate Systems, *International Journal of Heat and Mass Transfer*, 51, 1633-1645. (2008) ISSN: 0017-930, IF: 1.500
41. Süle, Z., Mihálykó, Cs., Lakatos, B.G., Population Balance Model of Gas-Solid Fluidized Bed Heat Exchangers, *Chemical and Process Engineering*, 29, 201-213 (2008), ISSN: 0208-6425, IF: 0.115

42. Dosa, Gy. The tight bound of First Fit Decreasing bin packing algorithm is  $FFD(I) \leq 11/9 OPT(I) + 6/9$ , 2007, *LNCS 4614*, pp. 1-11, IF=0,6
43. Györi I., Hartung F., Exponential stability of a state-dependent delay system, *Discrete and Continuous Dynamical Systems - Series A*, 18, 773-791. (2007) ISSN 1078-0947, IF=0.972
44. Agarwal, R. P., Pituk, M. Asymptotic expansions for higher-order scalar difference equations, *Advances in Difference Equations*, Volume 2007 (2007), Article ID 67492, pages 1-12, ISSN 1687-1839. IF=0.494
45. Weia Zhong, György Dósa, Tan Zhiyi, On the machine scheduling problem with job delivery coordination, *European Journal of Operational Research*, 182 (2007) 1057-1072. IF=0.824
46. J. Appleby, I. Györi, D. Reynolds On exact convergence rates for solutions of linear systems of Volterra difference equations, *J. Diff.Eqns. Appl.*, 12, 2006, 1257-1275. ISSN: 1023-6198
47. J. Appleby, I. Györi, D. Reynolds On the exact rate of decay of linear systems of Volterra equations with delay, *J. Math. Anal. Appl.*, 320, 2006, 56-77. ISSN: 0022-247X
48. Dósa György- Yong He: Scheduling with machine cost and rejection, *Journal of Combinatorial Optimization*, (2006),12: 337-350
49. Dósa György-Yong He, Bin Packing problems with rejection penalties and their dual problems, *Information and Computation*, 204, (2006) 795-815.
50. Dósa György-Yong He, Preemptive and non-preemptive on-line algorithms for scheduling with rejection on two uniform machines, *Computing* 76, (2006), no. 1, 149-164.
51. I. Györi, F. Hartung, Fundamental solution and asymptotic stability of linear delay equations, *Dyn. Contin. Discrete Impuls. Syst.*, 13:2 (2006) 261-288. ISSN: 1201-3390
52. F. Hartung, On differentiability of solutions with respect to parameters in neutral differential equations with state-dependent delays, *J. Math. Anal. Appl.*, 324:1 (2006) 504-524. ISSN: 0022-247X
53. F. Hartung, T. Insperger, G. Stépán, J. Turi, Approximate stability charts for milling processes under semi-discretization, *Applied Mathematics and Computation*, 174:1 (2006) 51-73.
54. B. Kis, P., Mihálykó , Cs., Lakatos, G. B.:Discrete model for analysis and design of grinding mill- classifier systems, *Chem. Eng. Proc.*, 45 (2006) 340- 349. ISSN: 0255-2701
55. M. Pituk: A Perron type theorem for functional differential equations, *Journal of Mathematical Analysis and Applications* 316 (2006), 24-41. ISSN 022-247X
56. M. Pituk: Asymptotic behavior and oscillation of functional differential equations, *Journal of Mathematical Analysis and Applications* 322 (2006), 1140-1158. ISSN 022-247X
57. M. Pituk: Linearized oscillation in a nonautonomous scalar delay differential equation, *Applied Mathematics Letters* 19 (2006), 320-325. ISSN 0893-9659

## OTHER JOURNAL ARTICLES

1. Györi I, Karakoç F, Bereketoğlu H: Convergence of solutions of a linear impulsive differential equations system with many delays, *Dynam Cont Dis Ser A* 18:(2), pp. 191-202. (2011)
2. Márczi B., M. Gerzson, A. Leitold: Diagnostic Investigations Based on the Petri Net Model Generated From the Process Information, *Hungarian Journal of Industrial Chemistry* 39:(1), pp. 133-139. (2011) ISSN : 0133-0276
3. Orbán-Mihálykó É., Mihálykó Cs., Lakatos B.: Application of difference in insurance mathematics and process engineering, *Int. J. Qualitative Theory of Differential Equations and Applications*, 3:(1-2), pp. 115-126. (2009) ISSN 0973-3590
4. Benkő A., Dósa Gy.: Egy új feladat: Ládafedés szállítással, és ennek megoldása algoritmusok evolúciójával, *Alkalmazott Matematikai Lapok* 27 (2010), 1-12. ISSN: 0133-3399
5. Györi I., Reynolds D. W.: On asymptotic periodic solutions of linear discrete Volterra equations, *Fasciculi Mathematici*, 44, 53-67. (2010) ISSN: 0044-4413
6. Kis P.B., Mihálykó Cs., Lakatos B.G.: Mathematical models for a closed-circuit grinding, *Hungarian Journal of Industrial Chemistry*, 37(2), 153-158., (2009) HU ISSN 0133-0276 (2010-ben jelent meg.)
7. Leitold A., Gerzson M.: Structural Decomposition of Process Models Described by Higher Index DAE System, *Computer-Aided Chemical Engineering*, 28, 385-390 (2010) ISBN 978-0-444-53569-6
8. Leitold A., Gerzson M.: Structural Analysis of Process Models Using Their Representation Graph. *Hungarian Journal of Industrial Chemistry* 37(2) 145-151., HU ISSN 01333-0276 (2010-ben jelent meg.)
9. Mihálykóné Orbán É., Mihálykó Cs., Lakatos G.B.: Szintátmetszési probléma és általánosítása a Sparre Andersen-modellben, *Alkalmazott Matematikai Lapok*, 27, 1-15., (2010) HU-ISSN0133-3399
10. Orbán-Mihálykó É., Lakatos B.G., Mihálykó Cs.: Lucz, Probability and expected time of emptying of intermediate storages unde stochastic operation, *Hungarian Journal of Industrial Chemistry*, 37(2), pp. 89-94., 2009. HU ISSN 0133-0276 (2010-ben jelent meg.)
11. Pituk M.: A note on nonnegative solutions of a perturbed system of ordinary differential equations, *Annales Univ. Sci. Budapest* 53, 91-96. (2010) ISSN:0524-9007
12. Slezák B.: On the smooth parameter-dependence of the solutions of abstract functional differential equations with state-dependent delay. *Functional Differential Equations*, 17 (3-4.) 253-293 (2010)
13. Vitai M., Kocsordi K., Buday B., Literáti Nagy B., Kulcsár E., Bezzegh K., Péterfia É., Koltay L., Korányi L.: Nemhez kötött a katalázgén-polimorfizmus (RS769217) hatása az energia-háztartásra és a csontok állapotára. Akadémiai Kiadó, *Orvosi Hetilap* 151(23) 923-931. (2010) ISSN 0030-6002
14. Horváth L.: Inequalities corresponding to the classical Jensen's inequality, *J. Math. Inequal.* 3(2) (2009) 189-200. ISSN 1846-579X

15. Buzáné, Kis, P., Mihálykó, Cs., Application of the hiperbolic tangent function for the approximation of the distribution of the ground material, *A Dunaújvárosi Főiskola Közleményei*, XXX/1. 89-96. (2008) ISSN 1586-8567
16. Dávid, Á., Kozma, L., Pozsgai, T., On the model checking of a system consisting of many similar components, *Annales Univ. Sci. Budapest, Sect. Comp.* 28, 183-195, (2008) ISSN 0138-9491
17. Győri, I., Hartung, F., On numerical approximation using differential equations with piecewise-constant arguments, *Periodica Mathematica Hungarica*, 56 (2008), 55-69. DOI: 10.1007/s10998-008-5055-5. ISSN 0031-5303
18. I. Győri, L. Horváth: Limit theorems for discrete sums and convolutions, *Communications of the Laufen colloquium on science Laufen, Austria, April 1-5, 2007. Aachen: Shaker. Berichte aus der Mathematik*, 8, 1-20, 2008
19. Horváth, L., Generalization of a Bihari type integral inequality for abstract Lebesgue integral, *J. Math. Inequal.* 2(1), 115-128. (2008)
20. Kovács, E., Arató, M., Lipovits, Á., Modellek a magyarországi éves földrengésszámok vizsgálatára, *Alkalmazott Matematikai Lapok* 25, 75-97. (2008)
21. Medina, R., Pituk, M., Asymptotic behavior of a linear difference equation with continuous time, *Periodica Mathematica Hungarica* 56 97-104. (2008) ISSN 0031-5303
22. Slezák, B., On the parameter-dependence of the solutions of functional differential equations with unbounded state-dependent delay II. The Kneser-theorem and some comparison theorems. *International Journal of Qualitative Theory of Differential Equations and Applications.* 2(2) 214-228. (2008)
23. Szalkai, I., Egyenesektől való távolságokról, *Polygon XVI.* 49-52, (2008) ISSN: 1215-3044
24. Vathy-Fogarassy, A., Kiss, A., Abonyi, J., Topology Representing Network Map - A new Tool for Visualization of High-Dimensional Data. *Lectures Notes in Computer Science series: Transactions on Computational Science I.*, 4750, 61-84. (2008) ISSN: 0302-9743
25. Vathy-Fogarassy, A., Werner-Stark, A., Abonyi J., Topology Representing Networks for the Visualization of Manifolds. *Journal of Mathematical Modelling and Algorithms*, 7(4) 351-370. (2008) ISSN: 1570-1166
26. Appleby J.A.D., Győri I., Reynolds D.W., On exact rates of growth and decay of solutions of a linear Volterra equation in linear viscoelasticity, *Note di Matematica*, 27 (2007), 215-228. ISSN 1123-2536
27. Buzáné, K. P., Mihálykó, Cs., Lakatos, G. B., Vadim E. M., A flexibilis tolerancia módszer alkalmazása egy matematikai modell paramétereinek azonosítására, *Dunaújvárosi Főiskola Közleményei*, XXXIX/1 (2007), 125-130. ISSN 1586-8567
28. Buzáné, K., P., Mihálykó, Cs., Lakatos G. B. Discrete model for simulation of continuous grinding processes with classification, *Dunaújvárosi Főiskola Közleményei*, XXXIX/1 (2007), 131-138. ISSN 1586-8567
29. Győri I., Hartung F. Stability results for Cohen-Grossberg neural networks with delays. *International Journal of Qualitative Theory of Differential Equations and Applications*, 1:2 (2007) 142-156, ISSN 0973-3590

30. Mihálykóné, O. É., Lakatos, G. B., Mihálykó, Cs. Tartálméretezési problémák vizsgálatának matematikai háttere sztochasztikus működési feltételek esetén. *Alkalmazott Matematikai Lapok*, 24 277-301. (2007) HU ISSN 0133-3399
31. Vathy-Fogarassy, A., Werner-Stark, A., Gal, B., Abonyi, J. Visualization of Topology Representing Networks. *LNCS IDEAL*, Volume 4881, 2007, ISSN 0302-9743
32. Dósa György, Vizvári Béla: Az általánosított LPT(k) algoritmuscsalád egyforma párhuzamos gépek ütemezésére, *Alkalmazott Matematikai Lapok*, 23 (2006), 17-37.
33. Kovács E., Lipovits Á., A földrengésekből származó károk becslésének lehetőségei, *Acta Agraria Kaposváriensis*, Vol. 10, No 3 (2006), 61-74. ISSN 1418-1789
34. E. Liz and M. Pituk: Exponential stability in a scalar functional differential equation, *Journal of Inequalities and Applications*, Volume 2006, Article ID 37195, pages 1-10. ISSN 1025-5834
35. B. Slezák, On the noncontinuable solutions of retarded functional differential equations. *Functional Differential Equations*, 13:3-4 (2006) 603-635.
36. Starkné W. Á., Fogarassyné V. Á., Csoma Á.: Szakértő szoftverágens a diszlexia lehetőségének megállapítására, *Acta Agraria Kaposváriensis*, 2006, Vol 10 No 1, 65-82 ISSN 1418-1789

### BOOK CHAPTERS

1. Chen M., Dósa Gy., Han X., Zhou C., Benkő A., 2D Knapsack: Packing Squares, *Lecture Notes of Computer Science*, M. Atallah, X.-Y. Li, and B. Zhu (Eds.): FAW-AAIM 2011, LNCS 6681, pp. 176–184, 2011. Springer-Verlag Berlin Heidelberg 2011, DOI: 10.1007/978-3-642-21204-8-21
2. Benkő A., Sik Lányi C.: Ambient Intelligence in Multimedia and Virtual Reality Environments for the rehabilitation, *Multimedia Techniques For Device And Ambient Intelligence* by Damiani E. and Jeong J (Eds.) Springer-Verlag, (2009) 165-178.
3. Győri I., Hartung F.: On the exponential stability of a nonlinear state-dependent delay system, in *Advances in Mathematical Problems in Engineering Aerospace and Sciences*, ed. S. Sivasundaram. Cambridge, UK: Cambridge Scientific Publishers Ltd, (2009) 39-48. ISBN 978-1-904868-68-2.
4. F. Hartung, T. Krisztin, H.-O. Walther, and J. Wu, Functional differential equations with state-dependent delay: theory and applications, in *Handbook of Differential Equations: Ordinary Differential Equations*, volume 3, edited by A. Canada, P. Drábek and A. Fonda, Elsevier, North-Holand, 2006, 435-545.

### PROCEEDINGS PAPERS

1. Dósa Gy, A. Benkő, Xin Han, Reassignment models on two related machines, Proc. Conf., MAPSP 2011, 256-258, 10th Workshop on Models and Algorithms for Planning and Scheduling Problems, Nymburk, Chech Republic, 2011 July 19-24, Institute for Theoretical Computer Science, Charles University <http://iti.mff.cuni.cz/series/>
2. Dósa Gy., Zs. Tuza, D. Ye: Better bounds for the bin packing problem with the "Largest Item in the Bottom" constraint. In: Proceedings of the 2010 Mini-Conference on Applied

Theoretical Computer Science, MATCOS-10 (A. Brodnik and G. Galambos, Eds.), Koper, Slovenia, 13-14 October 2010. University of Primorska Press, Koper, 2011, pp. 65-68. ISBN 978-961-6832-10-6

3. Gerzson, M.; Leitold, A., Hangos, K. M., Model based process diagnosis using graph methods, Factory Automation 2011 (Gyártásautomatizálás 2011), Győr, május 24-29., 1-6 (2011) (on CD). ISBN 978-963-7175-3
4. Pituk M.: A limit boundary value problem for nonlinear difference equations, Proceedings of the Workshop "Future Directions in Difference Equations: Universidade de Vigo, June 13-17, 2011, Spain", Universidade de Vigo, Servizo de Publicacions, 2011, pages 157-161. ISBN: 978-84-8158-541-4
5. Pozsgai T., Lipovits Á., Matematika és az internet - dokumentumkészítés és feladatmegoldások, Informatika a felsőoktatásban 2011 Debrecen, 2011. augusztus 24-26. (460-465. o.), ISBN 978-963-473-461-1
6. A. Benkő, Gy. Dósa, Zs. Tuza, Bin Packing/Covering with Delivery, Solved with the Evolution of Algorithms, Proceedings 2010 IEEE 5th International Conference on Bio-Inspired Computing: Theories and Applications, BIC-TA 2010 , art. no. 5645312, pp. 298-302
7. Lipovits Ágnes, Háli Andrea, Kovács Előd, Pozsgai Tamás, Gál Balázs: Ötletek az informatikatanárok képzéséhez, INFODIDACT 2010 Informatika Szakmódszertani Konferencia, 2010. április 22-23, Szombathely, 9 oldal, (CD-ROM)
8. Mihálykóné, Mihálykó, Lakatos, Szabó, Átmeneti tárolóval csatolt szakaszos-folyamatos termelési rendszerek gazdaságossági optimalizálása sztochasztikus üzemelési feltételek esetén, Műszaki Kémiai Napok konferenciakiadvány, Veszprém, 2010, pp. 163-168. ISBN 978-963-9696-93-8
9. Buzáné Kis P., Mihálykó Cs., Lakatos G. B., Zárt órlelési folyamat matematikai modelljei, MKN'09 konferenciakiadvány, Veszprém, 2009, p. 215-219. ISBN 978-963-9696-68-6
10. Leitold A., Gerzson M.: Folyamatmodellek strukturális analízise reprezentációs gráffelhasználásával Műszaki Kémiai Napok '09, Veszprém, 2009. április 21-23. ISBN 978-963-9696-68-6
11. Cs. Mihálykó, É. Orbán-Mihálykó, B. G. Lakatos, Determination of initial amount of material of intermediate storages by difference equations in discrete stochastic models, Proc. Mathmod'09, (Eds. Troch, Breitenecker), CD, 2009, Bécs, p. 1594-1601, ISBN 978-3-901608-35-3
12. Mihálykóné Orbán É., Lakatos G. B., Mihálykó Cs., Lucz L., Az anyagfogyás valószínűségének és várható idejének meghatározása átmeneti tárolók esetében sztochasztikus működési feltételek mellett, MKN'09 konferenciakiadvány, Veszprém, 2009, p. 112-116. ISBN 978-963-9696-68-6
13. É. Orbán-Mihálykó, Cs. Mihálykó, B. G. Lakatos, Difference equations for sizing intermediate storages in discrete stochastic models and their mathematical generalization, Proc. Mathmod'09, (Eds. Troch, Breitenecker), CD, 2009, Bécs, p. 2167-2177, ISBN 978-3-901608-35-3
14. J. Radó, F. Hartung, P. Iványi, An Investigation of the Convergence of Mesh Smoothing, in B.H.V. Topping, L.F. Costa Neves, R.C. Barros, (Editors), Proceedings of the Twelfth International Conference on Civil, Structural and Environmental Engineering Computing, Civil-Comp Press, Stirlingshire, UK, Paper 282, 2009. doi:10.4203/ccp.91.282



15. Z. Süle, B. G. Lakatos, Cs. Mihálykó, Axial dispersion/population balance model of heat transfer in turbulent fluidization, Proc. ESCAPE19 (Eds. Jezowski, Thullie), 2009 Elsevier, p. 719-724. ISBN: 978-0-444-53433-0/ISSN: 1570-7946
16. Z. Süle, B. G. Lakatos, Cs. Mihálykó, Axial dispersion/population balance model of heat transfer in turbulent fluidization, ESCAPE19 CD (Eds. Jezowski, Thullie), 2009 Elsevier, p. 719-724. ISBN (CD): 978-0-444-53441-5 (szövegazonos az előző publikációval)
17. Z. Süle, B. G. Lakatos, Cs. Mihálykó, Modelling of heat transfer processes with compartment/population balance model, Proc. Mathmod'09, (Eds. Troch, Breitenacker), 2009, Bécs, p. 1602-1611, ISBN 978-3-901608-35-3
18. Dávid, Á., Formális szoftververifikációs eszközök alkalmazásának nehézségei a gyakorlatban, *Informatika a felsőoktatásban 2008*, Debrecen, 2008. augusztus 27-29., (konferenciakiadvány + CD)
19. Dávid, Á., Gál, B., A modellellenőrzés kihívásai, *Informatika Korszerű Technikai Konferencia*, 2008. március 7-8., Dunaújváros, 24-33.
20. Gál, B., Starkné, Werner, Á., Az informatikatanár-képzés bemeneti- és kimeneti kompetenciáinak összevetése, *Informatika a felsőoktatásban 2008*, Debrecen, 2008. augusztus 27-29. (on CD)
21. Leitold, A., Gerzson, M., The Effect of the Model Composition to the Structural Properties of Process Models. In *Proceedings of European Simulation and Modelling Conference ESM 2008*, Le Havre, France. 74-81. (2008)
22. Radó, J., Hartung F., Iványi, P., Studying the Quality Measures for Finite Element Meshes with Triangular Elements, *Proceedings of the Sixth International Conference on Engineering Computational Technology*, M. Papadrakakis and B.H.V. Topping, (Editors), Civil-Comp Press, Stirlingshire, Scotland, paper no. 54 (2008) (on CD)
23. Radó, J., Iványi, P., Hartung, F., Triangular Based Finite Element Mesh Smoothing, Triangular Based Finite Element Mesh Smoothing, *Proceedings of the 26th International Conference Science in Practice*, Osijek, Croatia, May 2008, J.J. Strossmayer Univ. of Osijek, 101-106. (2008)
24. Starkné, Werner, Á., Gál, B., Robotok használata projekt-alapú tanulási környezetben, *Felsőfokú alapképzésben matematikát, fizikát és informatikát oktatók XXXII. konferenciája*, Kecskemét, 2008. augusztus 25-27. (on CD)
25. Starkné, Werner, Á., Fogarassyné, Vathy, Á., Gál, B., Kooperatív módszerek felhasználása az egyetemi oktatásban egy konkrét tantárgyhoz kapcsolódóan. *Informatika a felsőoktatásban 2008*, Debrecen, 2008. augusztus 27-29. (on CD)
26. Werner-Stark, Á., Vathy-Fogarassy, Á., Gál, B., Virtual Reality Simulations in the Education of Mathematics and Physics. In *Proceedings of ED-MEDIA 2008 World Conference on Educational Multimedia, Hypermedia & Telecommunications*, 5478-5483, (2008)
27. Dávid, Á. Inkrementális modellellenőrzés a gyakorlatban, *Felsőoktatási matematika-, fizika- és számítástechnika oktatók XXXI. Konferenciája* (konferenciakiadvány), 2007. augusztus 23-25., Dunaújváros.
28. Leitold, A., Gerzson, M. Numerical Method-Independent Structural Solvability Analysis of Dynamic Lumped Process Models, *27th International Workshop on Chemical Engineering Mathematics*, Veszprém, Hungary 10-13 September (2007)

29. Leitold, A., Gerzson, M. Structural Analysis of DAE Models, *European Simulation and Modelling Conference ESM'2007* Malta, 22-24 October (2007)
30. Süle, Z., Mihálykó, Cs., Lakatos G. B. Population balance model of heat transfer in gas-solid turbulent fluidization, *Proc. 17th ESCAPE*, Bukarest, Románia, 2007. május 27-30.
31. Süle, Z., Mihálykó, Cs., Lakatos G. B. Population balance model of gas-solid fluidized bed heat exchangers, *Proc. of the XIX Polish Conference of Chemical and Process Engineering*, Rzeszów, Lengyelország, 2007. szeptember 3-7.
32. Werner-Stark, A., Vathy-Fogarassy, A., Gal, B., Abonyi, J. Visualization of Topology Representing Networks. *Proceedings of the Intelligent Data Engineering and Automated Learning - IDEAL 2007 8th International Conference*, Birmingham, UK, December 16-19, 2007., ISBN 978-3-540-77225-5
33. Werner-Stark, A., Vathy-Foggarasy, Á. Virtual reality in the teaching of mathematics and physics, *iTET 2007 Proceedings of the Joint Working Conference*, ETIC Prague, 2007, 194-203., ISBN 978-80-254-0391-4
34. Bezegh, Blickle, Mihálykó: Folytonos eloszlásfüggvények függvénytani vizsgálata, *Műszaki Kémiai Napok'2006 konferenciakiadványa*, Veszprém, 299-302., 2006.
35. Blickle, Mihálykó, Süle: Statisztikai minták összehasonlító vizsgálata tangenshiperbolikus eloszlásfüggvénnyel, *Műszaki Kémiai Napok'2006 konferenciakiadványa*, Veszprém, 262-265., 2006.
36. B. Kis, Lakatos, Mihálykó, Mizonov: Model identification of continuous grinding mill-classifier circuits, *Proc. 11. Eruption Symposium on Comminution*, Budapest, 2006. No. 3.
37. B. Kis, Mihálykó, Lakatos, Mizonov: Zárt folyamatos őrlési modell paramétereinek identifikálása numerikus kísérletek felhasználásával, *Műszaki Kémiai Napok'2006 konferenciakiadványa*, Veszprém, 272-275., 2006.
38. Kovács E., Lipovits Á.: Az éves Magyarországi földrengésszám statisztikai vizsgálata, *Tavaszi Szél*, 2006. (291-294. o.)
39. A. Leitold and M. Gerzson: Investigation of structure of dynamic process models via simplified representation graphs, *5-th Vienna Symposium on Mathematical Modelling*, Vienna, Febr.8-10, 2006
40. Lipovits Á., Kovács E., Juhász Z.: Az NIIF szuperszámítógép felhasználásának statisztikai elemzése adaptív Grid ütemező megvalósításához, *Networkshop 2006*.
41. Orbán, Lakatos, Mihálykó: Reliability based design of intermediate storages under general stochastic operational conditions, *Proceedings of Fifth IMACS Symposium on Mathematical Modelling*, (Eds. I. Troch, F. Breitenecker) Bécs, (2006) VI .1-10.
42. Süle, Mihálykó, Lakatos: Modeling of heat transfer processes in particulate systems, *Proc. Escape'2006*, Garmischpartenkirchen, 2006. 589-594.
43. Süle, Mihálykó, Lakatos: Fluidizált rétegű hőcserélő rendszerek hőátadási folyamatainak modellezése, *Műszaki Kémiai Napok'2006 konferenciakiadványa*, Veszprém, 53-56., 2006.