

## LU MII publikācijas 2013

### Starptautisku konferenču tēzes

1. A.Reinfelds. *Asymptotic equivalence of difference equations*. Abstracts of 19<sup>th</sup> International conference on Difference Equations and Applications, May 26 - 30, 2013, Muscat, Oman, p. 93.
2. A.Reinfelds and L.Sermone. *Stability of impulsive differential systems*. Abstracts of the 18<sup>th</sup> International Conference Mathematical Modelling and Analysis and 4<sup>th</sup> International Conference Approximation Methods and Orthogonal Expansions MMA2013&AMOE2013, May 27 - 30, Tartu, Estonia, 2013, p. 105.
3. A.Reinfelds and Dz.Steinberga. *Conjugacy of quasilinear equations*. Abstracts of the 18<sup>th</sup> International Conference Mathematical Modelling and Analysis and 4<sup>th</sup> International Conference Approximation Methods and Orthogonal Expansions MMA2013&AMOE2013, May 27 - 30, Tartu, Estonia, 2013, p. 106.
4. A.Reinfelds. *Asymptotic equivalence of impulsive equations in Banach space*. Abstracts of International conference on Delay Differential and Difference Equations and Applications, July 15 - 19, 2013, Balatonfüred, Hungary, p. 27.
5. A.Reinfelds. *Asymptotic equivalence of difference equations in Banach space*. Abstracts of International conference "Progress on Difference Equations 2013", July 20 - 26, 2013, Bialystok, Poland, p. 67.
6. A.Reinfelds. *Asymptotic equivalence of differential and difference equations in Banach space*. Abstracts of Symposium on Differential Equations and Difference Equations SDEDE 2013, September 1 - 5, 2013, Bayrischzell, Germany.
7. F.Sadyrbaev, *Multiplicity in Nonlinear Boundary Value Problems for Ordinary Differential Equations*. Abstracts of Symposium on Differential Equations and Difference Equations SDEDE 2013, September 1 - 5, 2013, Bayrischzell, Germany.
8. A.Gritsans and F.Sadyrbaev. *On a system of two the second order asymptotically asymmetric differential equations*. Abstracts of 18<sup>th</sup> International conference "Mathematical Modelling and Analysis" and 4<sup>th</sup> International conference "Approximation Methods and Orthogonal Expansions", May 27 - 30, 2013, Tartu, Estonia, <http://www.ut.ee/mma-amoe2013/nmd3/abstraktid09876/Gritsans.pdf>
9. N.Sergejeva. *On solvability of some boundary value problems*. Abstracts of 18<sup>th</sup> International conference "Mathematical Modelling and Analysis" and 4<sup>th</sup> International conference "Approximation Methods and Orthogonal Expansions", May 27 - 30, 2013, Tartu, Estonia, <http://www.ut.ee/mma-amoe2013/nmd3/abstraktid09876/Sergejeva.pdf>
10. S.Smirnov. *Multiplicity results for two point third order nonlinear boundary value problems*. Abstracts of 18<sup>th</sup> International conference "Mathematical Modelling and Analysis" and 4<sup>th</sup> International conference "Approximation Methods and Orthogonal Expansions", May 27 - 30, 2013, Tartu, Estonia, <http://www.ut.ee/mma-amoe2013/nmd3/abstraktid09876/Smirnov.pdf>

11. S.Asmuss and N.Budkina. *Generalized smoothing splines in convex sets*. Abstracts of the 18<sup>th</sup> International Conference Mathematical Modelling and Analysis and 4<sup>th</sup> International Conference Approximation Methods and Orthogonal Expansions MMA2013&AMOE2013, May 27 – 30, Tartu, Estonia, 2013, p. 12.
12. M.Avotiņa and I.Bula. *Stability of single neuron models*. Abstracts of the 18<sup>th</sup> International Conference Mathematical Modelling and Analysis and 4<sup>th</sup> International Conference Approximation Methods and Orthogonal Expansions MMA2013&AMOE2013, May 27 – 30, Tartu, Estonia, 2013, p. 14
13. I.Bula and A.Aņisimova, *Chaotic behaviour of a single neuron model*. Abstracts of the 18<sup>th</sup> International Conference Mathematical Modelling and Analysis and 4<sup>th</sup> International Conference Approximation Methods and Orthogonal Expansions MMA2013&AMOE2013, May 27 – 30, Tartu, Estonia, 2013, p. 22
14. A.Anisimova, M.Avotina and I.Bula. *Behaviour of solutions of some single neuron model*. Abstracts of 19<sup>th</sup> International conference on Difference Equations and Applications, May 26 - 30, 2013, Muscat, Oman
15. A.Anisimova and I.Bula, *Some problems of second-order rational difference equations with quadratic terms*. Abstracts of International conference "Progress on Difference Equations 2013", July 20 - 26, 2013, Bialystok, Poland
16. M.Avotina and I.Bula, *Some problems of rational difference equations*. Abstracts of International conference "Progress on Difference Equations 2013", July 20 - 26, 2013, Bialystok, Poland
17. I.Bula and D.Redīza, *Income model with chaotic behaviour*. Abstracts of Symposium on Differential Equations and Difference Equations SDEDE 2013, September 1 - 5, 2013, Bayrischzell, Germany.
18. S.Blomkalna and J.Cepītis. *Problem for the hyperbolic type Mass transfer equation arising in mathematical modelling of biochemical reactions*. Abstracts of the 18<sup>th</sup> International Conference Mathematical Modelling and Analysis and 4<sup>th</sup> International Conference Approximation Methods and Orthogonal Expansions MMA2013&AMOE2013, May 27 – 30, Tartu, Estonia, 2013, p. 18.
19. A.Gedroics and H.Kalis. *Numerical analysis for system of parabolic equations with periodical boundary conditions*. Abstracts of 1<sup>st</sup> international conference "Performance computing and Mathematical Modelling", 5-6 April, 2013, Liepaja, Latvia, p.11
20. H.Kalis, S.Rogovs and A.Gedroics. *Numerical simulation of the some ill-posed problems for the heat transfer equations*. Abstracts of the 18<sup>th</sup> International Conference Mathematical Modelling and Analysis and 4<sup>th</sup> International Conference Approximation Methods and Orthogonal Expansions MMA2013&AMOE2013, May 27 – 30, Tartu, Estonia, 2013, p. 53
21. M.Kokainis and H.Kalis. *The matrix representation of the finite differences in multi-points stencil for periodical boundary conditions*. Abstracts of the 18<sup>th</sup> International Conference Mathematical Modelling and Analysis and 4<sup>th</sup> International Conference Approximation Methods and Orthogonal Expansions MMA2013&AMOE2013, May 27 – 30, Tartu, Estonia, 2013, p. 62
22. I.Kangro, H.Kalis, A.Gedroics, E.Teirumnieka and E.Teirumnieks. *On mathematical modelling of metals distributions in peat*. Abstracts of the 18<sup>th</sup> International Conference Mathematical Modelling and Analysis and 4<sup>th</sup>

International Conference Approximation Methods and Orthogonal Expansions  
MMA2013&AMOE2013, May 27 – 30, Tartu, Estonia, 2013, p. 55

23. A.Eļkins and A.Šostaks. *On many-valued fuzzy rough sets generated by families of  $l$ -relations*. Abstracts of the 18<sup>th</sup> International Conference Mathematical Modelling and Analysis and 4<sup>th</sup> International Conference Approximation Methods and Orthogonal Expansions MMA2013&AMOE2013, May 27 – 30, Tartu, Estonia, 2013, p. 29

### Latvijas konferenču tēzes

1. G. Bārzdiņš, A. Romāne, K. Čerāns, M. Zviedris „Ontoloģiju bāzētas informatīvās sistēmas prototips” LU 71. zinātniskā konference, janvārī - martā, 2013.
2. Jānis Bārzdiņš, Juris Bārzdiņš, E. Rencis, A. Šostaks „Modeļbāzēta vaicājumu valoda klīnisko procesu analīzei” LU 71. zinātniskā konference, janvārī - martā, 2013.
3. J. Bičevskis, A. Gaujēns, J. Kalniņš “Autonomu sistēmu testēšanas problēmas” LU 71. zinātniskā konference, janvārī - martā, 2013.
4. M. Grasmanis, P. Ķikusts, R. Opmanis „Grafu attēlu atpazīšana dinamisko tīklu vizualizācijas un analīzes rīkā” LU 71. zinātniskā konference, janvārī - martā, 2013.
5. S. Kozlovičs „Vairāku modeļu repozitoriju orķestris” LU 71. zinātniskā konference, janvārī - martā, 2013.