Conference abstracts (English only)

2017 – 2021

General information

Theses and conference materials – *23*

    of them:

        international – *6*

        international *in Ukraine* – *14*

        all-Ukrainian – 2

        of young scientists – 4

2017

1. Kmit I. Smoothing, Fredholmness, small divisors, and bifurcations in hyperbolic problems. *Workshop „European Women in Mathematics"* (November 17-18, 2017, Magdeburg, Germany).

2018

2. Nikitin A. V., Dron' V. S. Double merging of the phase space for stochastic differential equations with impulse perturbations in Poisson approximating conditions. *XXXI International Conference "Problems of Decision Making Under Uncertainties (PDMU-2018)"* (July 3-8, 2018, Lankaran-Baku, Republic of Azerbaijan). Abstracts. Kyiv, 2018. P. 101-102.

3. Nikitin A., Dron V., Gorbatenko M. Asymptotic analysis of one model for information dissemination. *XXXII International Conference PDMU-2018 "Problem of Decision Making under Uncertainties Proceedings"* (August 27-31, 2018, Prague, Czech Republic). Abstracts. Prague, 2018. P.116-121. URL: http://pdmu.univ.kiev.ua/PDMU_2018W/PDMU2018_proceedings _ebook.pdf

4. Kmit I. Bounded solutions to quasilinear first-order hyperbolic systems in a strip. *Int. Conf. GF2018* (27 - 31 August, 2018, Novi Sad, Serbien). P. 11. URL: https://sites.dmi.uns.ac.rs /icgf2018/abstracts.pdf

2019

5. Bobyk I., Kuz A., Nytrebych Z., Pukach P., Symotiuk M. Mathematical simulation of electric voltage in lossy transmission line and the problems of optimizing MEMS-device sparameters. *2019 IEEE XV-th International conference on the perspective technologies and methods in MEMS design* (MEMSTECH) (May 22-26, 2019, Polyana, Ukraine). Proceedings. Lviv, 2019. P 87. DOI: 10.1109/MEMSTECH.2019.8817388 **(Scopus, WoS)**

6. Kuz A. The problem with distributed data for partial differential equations. *The conference of young scientists «PIDSTRYHACH READINGS – 2019»* (May 27-29, 2019, Lviv). URL: http://www.iapmm.lviv.ua/chyt2019/abstracts/Kuz.pdf

7. Kuz A. M. Integral problem with respect to time for loaded partial differential equations. *International conference of young mathematicians* (June 6-8, 2019, Kyiv, Ukraine). Abstracts. Kyiv : Institute of mathematics of NAS of Ukraine, 2019. P. 33.

8. Kuz A. M. Nonlocal boundary value problem for telegraphe quation. *Bogolyubov Kyiv Conference «Problems of theoretical and mathematical physics»* (September 24 – 26, 2019, Kyiv). Abstracts. Kyiv : Institute of mathematics of NAS of Ukraine, 2019. P.104.

9. Kuz A. M., Symotyuk M. M. On properties of the resolving operator of a two-point problem over the field of *p*-adic numbers. *International Conference "Infinite Dimensional Analysis andT opology"* (October 16-20, 2019, Ivano-Frankivsk). Book of Abstracts. P. 33. URL: https://conference.pu.if.ua/idat/upload_files/kuz_symotiuk.pdf

10. Buhrii O., Buhrii N., Kholyavka O. On Carathèodory-Lasalle's theorems for systems of ordinary differential equation. *The conference of young scientists «PIDSTRYHACH READINGS – 2019»* (May 27-29, 2019, Lviv). URL: http://www.iapmm.lviv.ua/chyt2019/abstracts/Kholyavka.pdf

11. Kmit I. Hyperbolic operators with finite time stabilization. *Workshop ``Modeling, analysis, and approximation theory toward applications in tomography and inverse problems"* (19-23 August 2019, Lübeck, Germany). URL: https://sites.google.com/view/conferenceinberlin/programm

12. Kmit I. Global classical solutions to boundary value problems for quasilinear hyperbolic systems. *Final AMMODIT Conference ``Mathematics for Life Sciences'',* (17 - 21 March 2019, Kyiv Ukraine).

2020

13. Kuz A., Symotiuk M. A problem with integral conditions for factorized partial differential equations. *XI International Skorobohatko mathematical conference* (October 26 – 30, 2020, Lviv, Ukraine). Abstracts. Lviv, 2020. P. 56. URL: http://www.iapmm.lviv.ua/conf_skorob2020/documents/2020tezy.pdf

14. Buhrii O. M., Kholyavka O.T. Hyperbolic Stokes system with variable exponents of nonlinearity. *XI International V. Skorobohatko Mathematical Conference* (October 26-30, 2020, Lviv, Ukraine). Abstracts. Lviv, 2020. P. 19. URL: http://www.iapmm.lviv.ua/conf_skorob2020/documents/2020tezy.pdf

15. Il'kiv V., Skovronska I., Strap N. The two-point problem for the partial differential equation of an even order. *XI International V. Skorobohatko Mathematical Conference* (October 26 – 30, 2020, Lviv, Ukraine). Lviv, 2020. P. 45. URL: http://www.iapmm.lviv.ua/conf_skorob2020/documents/2020tezy.pdf

16. Il'kiv V., Symotiuk M., Volyanska V. Nonlocal boundary-value problem for partial differential equation in an unbounded strip. *XI International V. Skorobohatko Mathematical Conference* (October 26 – 30, 2020, Lviv, Ukraine). Lviv, 2020. P. 46. URL: http://www.iapmm.lviv.ua/conf_skorob2020/documents/2020tezy.pdf

17. Kalenyuk P., Nytrebych Z., Symotiuk M. On a multipoint problem for the partial differential equation in complex domain. *XI International V. Skorobohatko Mathematical Conference* (October 26 – 30, 2020, Lviv, Ukraine). Lviv, 2020. P. 49. URL: http://www.iapmm.lviv.ua/conf_skorob2020/documents/2020tezy.pdf

18. Repetylo S., Symotiuk M. Dirichlet-Neumann problem for a linear system of homogeneous partial differential equations. *XI International V. Skorobohatko Mathematical Conference* (October 26 – 30, 2020, Lviv, Ukraine). Lviv, 2020. P. 98. URL: http://www.iapmm.lviv.ua/conf_skorob2020/documents/2020tezy.pdf

19. Dron V. Properties of integrals of the type of derivatives of volume potential for one class degenerate vec(2b)-parabolic equations. *XI International V.Skorobohatko Mathematical Conference* (October 26-30, 2020, Lviv, Ukraine). Abstracts. Lviv, 2020. P. 28.

20. Kmit I. Finite time stabilization of nonautonomous first order hyperbolic systems. *XI International V. Skorobohatko Mathematical Conference* (October 26 – 30, 2020, Lviv, Ukraine). Lviv, 2020. P. 50. URL: http://www.iapmm.lviv.ua/conf_skorob2020/documents/2020tezy.pdf

2021

21. Kuz A., Symotyuk M. Convergence of the continued fraction for the ratio of confluent hypergeometric functions over the field of p-adic numbers. International Online Workshop on Approximation Theory (March 19-21, 2021, Ivano-Frankivsk, Ukraine). Book of Abstracts. Ivano-Frankivsk, 2021. P. 23. URL: https://conference.pnu.edu.ua/iowat/wp-content/uploads/sites/6/2021/03/BOOK-OF-ABSTRACTS-IOWAT%C2%B72021.pdf
22. Kuz A. M. Integral problem with respect to time for PDE with Bessel operators. *International Conference of Young mathematicians 2021* (June 3-5, 2021, Kyiv). Book of Abstracts. Kyiv, 2021. P. 53. URL: https://www.imath.kiev.ua/~young/youngconf2021/Abstracts_2021.pdf
23. Kmit I. Finite time stabilization of nonautonomous first order hyperbolic systems. *13th International ISAAC Congress* (August 2–August 6, 2021, Ghent, Belgium). Book of abstracts. Ghent : Ghent University, 2021. P. 80. URL: https://cage.ugent.be/isaac2021/Abstracts_printing.pdf