	Wednesday, 4 th of June			
Kyiv Time UTC+3	The opening ceremony will be held at the Institute of Mathematics, Tereshchenkivska Street, 3, Kyiv you also can join online Meeting ID: 6439959041 Access code: shqu8d			
10:00 - 10:30	Opening Ceremony			
10:30 -	<i>Kuznietsova Iryna</i>			
10:45	On actions of stabilizers of smooth functions on edges of their Reeb graphs			
10:50 -	<i>Mykola Staryi</i>			
11:05	On realizations and representations of three-dimensional simple Lie algebras			
11:10 -	<i>Kateryn Antoshyna</i>			
11:25	Graphs with odd distances between cut and non-cut vertices			
11:30 -	<i>Eugene Oshkodorov</i>			
11:45	Mathematical Modeling of Hydrocarbon Exploration and Production Processes Using Neural Networks in SCADA Systems			
11:50 -	<i>Maksym Shamrai</i>			
12:05	Perturbation Analysis of Singular Values in Concatenated Matrices			
12:10 -	Horbunov Daniel			
12:25	Boundary effect for mixtures of regressions			
12:30 - 15:00	Lunch time			

	Room A Meeting ID: 846 9166 9363 Access code: 841680	Room B Meeting ID: 528 803 8291 Access code: 12345	Room C Meeting ID: 767 1142 3463 Access code: 1111	Room D Meeting ID: 893 7389 4385 Access code: 428078	Room E Meeting ID: 6439959041 Access code: shqu8d
	Algebra, Geometry and Topology	Differential Equations and Mathematical Physics	Theory of Functions and Functional Analysis	Probability and Statistics	Applied and Computational Mathematics
	Chairperson: Iryna Kuznietsova	Chairperson: Ivanna Bondar	Chairperson: <i>Sofiia Ratushniak</i>	Chairperson: <i>Georgii Riabov</i>	Chairperson: Ihor Raynovskyy
15:00 - 15:15	<i>Tetiana Osipchuk</i> Open problems of weakly m-convex set theory	<i>Iryna Chepurukhina</i> On interpolation of distribution spaces associated with elliptic operators	<i>Mariia Stefanchuk</i> On the exponential asymptotics of one class of homeomorphisms at a point of the complex plane		<i>Süleyman CENGİZCİ</i> Haptotaxis-Driven Cancer Invasion Dynamics: A Stabilized Finite Element Approach
15:20 - 15:35	Dmytro Karvatskyi On one family of self-similar sets with nontrivial features	<i>Vitalii Soldatov</i> On d-characteristics of the problem operators to one-dimensional boundary-value problems in spaces of differentiable functions	Sviatoslav Dubei About the main relation of Wiman-Valiron theory and asymptotical h-density of an exceptional sets		Ruslan Holuboshchenko Self-organization of a group of mini-UAVs using the swarm intelligence

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15:40 - 15:55	<i>Illia Ovtsynov</i> Optimal codimension one gradient flows on closed surfaces	Anastasiia Hrabovets Gradient-type Kuramoto system for frustrated spin system	<i>Oleh Kovalenko</i> Ostrowski-type inequalities in abstract distance spaces		Bohdan Yarema Deforestation Detection in Ukraine via Semantic Segmentation: Comparison of U-Net, GSAM, and AdaptFormer Approaches
16:00 - 16:15	<i>Moroz Mykola</i> Convergence criteria for number sequences in terms of Perron expansions	Oleksandr Voloshyn Group classification of a class of systems of nonlinear diffusion equations	<i>Iryna Bilanyk</i> Element regions and value regions for branched continued fractions	<i>Mykyta Sadok</i> Limit theorems for generalized convex hulls	<i>Oleksandr Pustovit</i> On expanding graphs of large girth and new families of message authentication codes
16:20 - 16:35	<i>Makarchuk Oleg</i> On the Hausdorff-Besikovitch dimension of a set given in terms of a chain A_2-representation	Kateryna Shevtsova Application of the Newton-Kantorovich method for solving nonlinear matrix equations	Sevilay Demir Saglam Properties of the Existence of Solutions in Differential Inclusions	Ruslan Kostohryz A law of the iterated logarithm for random Dirichlet series: boundary case	<i>Yur-Liubomysl Dekhtiar</i> Self-Supervised Learning for Crop Field Boundary Detection in Satellite Imagery
16:40 - 16:55	Bohdan Mazhar Smooth functions on Klein bottle and homotopy types of orbits	Olena Atlasiuk Approximation problem for generic boundary-value problems in Sobolev spaces	Vita Baksa Entire slice regular functions having bounded index of quaternionic variable	Artem Storozhuk Poisson process of order k with time change	Pavlo Krysenko ScorFormer: Prediction of combined score between chemicals and amino sequence with BPE tokenization

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17:00 - 17:15	<i>Oleh Vynnyshyn</i> The size of the minimum control sets for representing numbers in the closed interval [0,1]	Maniraguha Jean de Dieu Equivalence groupoids of the class of Schrödinger equations with time-independent potentials	<i>Olena Nikorak</i> Nowhere monotonic function defined by terms continued fraction representation of numbers	<i>Oksana Braganets</i> Laws of the iterated logarithm for iterated perturbed random walks	<i>Roman Butsiy</i> Rhythm-Adaptive Processing of Cyclic Biomedical Signals
17:20 - 17:35	Bohdan Feshchenko Normal forms of Morse-Bott functions without saddles on surfaces	<i>Grzegorz Kuduk</i> Problem with integral conditions for nonhomogeneous system of partial differential equations third order		Oleh Kondratenko Limit theorems for globally perturbed random walks	
17:40 - 17:55	<i>Oleksandr Pypka</i> Leibniz algebras and related algebraic structures			Valeria Kotelnikova A law of the iterated logarithm for small counts in Karlin's occupancy scheme.	

Thursday, 5 th of June					
Kyiv Time UTC+3	Room B Meeting ID: 528 803 8291 Access code: 12345	Room C Meeting ID: 840 2669 5117 Access code: avAMb9	Room D Meeting ID: 893 7389 4385 Access code: 428078		
	Differential Equations and Mathematical Physics	Theory of Functions and Functional Analysis	Probability and Statistics		
	Chairperson: Oleksandra Vinnichenko	Chairperson: <i>Mariia Stefanchuk</i>	Chairperson: Mykola Vovchanskiy		
11:00 - 11:15	<i>Viktor Chuiko</i> Least squares method in the theory of nonlinear periodic boundary value problems with concentrated delay in critical cases	Anna Anop On Triebel–Lizorkin spaces of generalized smoothness on manifolds	<i>Ievgen Karnaukh</i> Upper-bound simulation method for a Brownian bridge with a given minimum.		
11:20 - 11:35	<i>Vlada Kuzmina</i> Nonlinear integrodifferential boundary value problems unsolved with respect to the derivative	<i>Ivan Feshchenko</i> On the closedness of the sum of marginal subspaces on [a,b)	<i>Dušan Djordjević</i> An analytical approximation of the solutions of neutral stochastic differential equations		
11:40 - 11:55	<i>Mykyta Popov</i> Application of the Adomian decomposition method for a nonlinear nonautonomous boundary problem in the critical case	<i>Andrii Bodnarchuk</i> On the h-measure of an exceptional set in Fenton-type theorem for Taylor-Dirichlet series	<i>Kyrylo Kuchynskyi</i> Log-Sobolev Inequality For Stochastic Differential Equations with Interactions		

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12:00 - 12:15	<i>Ivanna Bondar</i> Linear boundary value problems for systems of integrodifferential equations as mathematical models of socio-economic processes	<i>Sofiia Ratushniak</i> Nowhere monotonic continuous function	<i>Hennadiy Navrotskiy</i> Rotation number of the Gaussian random field on the plane		
12:20 - 12:35	<i>Daria Diachenko</i> Application of the Adomyan decomposition method to solve a nonlinear autonomous boundary value problem for a non-degenerate differential-algebraic system	<i>Volodymyr Yelahin</i> Some applications of Rademacher functions and Walsh series for nega-binary representation of numbers	<i>Yurii Miniailyk</i> Geometric invariants of a random link		
12:40 - 12:55		Valentyna Nazarchuk Fractal properties of quasi-inversors of the s-adic representation of numbers	<i>Kateryna Kustarova</i> Equivalence of visitation measures and geometry of compacts in stochastic flows with interaction		
13:00 - 13:15		Daria Serhiiko Markov representation of numbers and its applications	Vadym Tkachenko Explosion and implosion of semi-Markov birth-death processes		
13:20 - 14:00	Lunch time				

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	Differential Equations and Mathematical Physics	Probablity and Statistics
	Chairperson: <i>Vitalii Soldatov</i>	Chairperson: <i>Kateryna Hlyniana</i>
14:00 - 14:15	<i>Oleksandra Vinnichenko</i> Hidden symmetries and conservation laws, exact solutions of dispersionless Nizhnik equation	<i>Olha Prykhodko</i> Strongly consistent estimation of drift parameter in tempered fractional Ornstein-Uhlenbeck process
14:20 - 14:35	<i>Olga Chepok</i> Asymptotic behaviour of slowly varying solutions of second order differential equations with the product of regularly and rapidly varying nonlinearities of an unknown function and its first-order derivative	<i>Fedir Zhydok</i> Evaluation of expected operating costs per time unit for a discrete-time queuing system with multiple levels of efficiency
14:40 - 14:55	<i>Alla Vorobiova</i> Asymptotic properties of solutions to one class of nonlinear second order differential equations	<i>Ihor Chulakov</i> Switching problem on a graph
15:00 - 15:15	<i>Zinaida Zhuravlova</i> The axisymmetrical poroelasticity problem for a radially multilayered hollow semi-infinite cylinder	

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15:20 - 15:35	<i>Serhii Koval</i> Lie symmetries of generic Kolmogorov backward equations with power diffusivity	
15:40 - 15:55	<i>Dmytro Popovych</i> Generalized symmetry algebra of Burgers equation	
Kyiv Time UTC+ 3	Room E Meeting ID: 6439959041 Access code: shqu8d	
16:00 	Closing 16:0	Ceremony 0 - 16:30