Статті співробітників кафедри фундаментальної математики факультету математики і інформатики за 2021 рік

Ознака міжнародні - м, вітчизняні - в

N з/п	Ознака м/у	Автори: (ПІБ)	Назва роботи	Назва видання, де опубліковано роботу	Том, номер (випуск, перша-остання сторінки роботи)
1.	м, S	Bolotov D. V.	On PL embeddings of a 2-sphere in the 4-dimensional Euclidean space	Siberian Electronic Mathematical Reports	18, 2, с. 867-883.
2.	м, S	Golinskii L., Kadets V.	Modulus support functionals, Rajchman measures and peak functions	Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales - Serie A: Matematicas	115, 2, Article number: 52
3.	м, S	Kadets V.	The diametral strong diameter 2 property of Banach spaces is the same as the Daugavet property	Proceedings of the American Mathematical Society	149, 6, с. 2579-2582
4.	м, S	Nguyen Thu Hien, Vishnyakova A.	On the entire functions from the Laguerre--Polya I class having the increasing second quotients of Taylor coefficients	Journal of Mathematical Analysis and Applications	498, 1, 1 https://doi.org/10.1016/j.jmaa.2021.124955 Q2
5.	м, S	Fedoryshyna K., Rezounenko A.	Viral in-host infection model with two state-dependent delays: Stability of continuous solutions	Mathematica Bohemica	146, 1, с. 91-114
6.	м, S	Гукалов О.О., Гордевський В.Д.	The Interaction of an Infinite Number of Eddy Flows for the Hard Spheres Model	Journal of Mathematical Physics, Analysis, Geometry	17, 2, с. 163-174
7.	м, S	Rybalko Y., Shepelsky D.	Long-Time Asymptotics for the Integrable Nonlocal Focusing Nonlinear Schrodinger Equation for a Family of Step-Like Initial Data	Communications in Mathematical Physics	382 (1), с. 87-121
8.	м, S	Derevyanko S., Balogun M., Aluf O., Shepelsky D., Prilepsky J.E.	Channel model and the achievable information rates of the optical nonlinear frequency division-multiplexed	Optics Express	29 (5), с. 6384-6406

N	Ознака м/у	Автори: (ПІБ)	Назва роботи	Назва видання, де опубліковано роботу	Том, номер
			systems employing continuous b-modulation		
9.	м, S	Rybalko Y., Shepelsky D.	Long-time asymptotics for the nonlocal nonlinear Schrodinger equation with step-like initial data	Journal of Differential Equations	270 (1), с. 694-724
10.	м, S	Rybalko Y., Shepelsky D.	Curved wedges in the long-time asymptotics for the integrable nonlocal nonlinear Schrödinger equation	Studies in Applied Mathematics	147, с. 872–903
11.	м, S	Rybalko Y., Shepelsky D.	Asymptotic stage of modulation instability for the nonlocal nonlinear Schrödinger equation	Physica D	428, 133060, с. 1-30
12.	в	Фаворов С.Ю., Удодова О.I.	Теореми єдності для майже періодичних об'єктів	Буковинський математичний журнал	9, 1, с. 39-48
13.	м, S	Фаворов С.Ю.	Uniqueness theorems for Fourier quasicrystals and temperate distributions with discrete support.	Proceedings American Mathematical Society	149, с. 4431-4440.
14.	м, S	Gefter S.L., Piven' A.L.	Implicit Linear Differential-Difference Equations in the Module of Formal Generalized Functions over a Commutative Ring	Journal of Mathematical Sciences	255, 4, с. 409–422.
15.	м, S	Gefter S.L., Piven' A.L.	Linear Partial Differential Equations in Module of Formal Generalized Functions over Commutative Ring	Journal of Mathematical Sciences	257, 5, с. 579–596

Тези співробітників кафедри фундаментальної математики факультету математики і інформатики за 2021 рік

Ознака міжнародні - м, вітчизняні - в

N з/п	Ознака м/у	Автори: (ПІБ)	Назва роботи	Назва видання, де опубліковано роботу	Том, номер (випуск, перша-остання сторінки роботи)
1.	м	Шугайло О.О.	Методика викладання vs	Проблеми викладання математики у закладах освіти: теорія, методика,	с. 255 - 256

			глибоке знання предмета	практика. Тези доповідей ІІ-ої міжнародної конференції	
2.	м	Favorov S.	Uniqueness theorems for almost periodic objects	International conference «Algebraic and Geometric Methods of Analysis", dedicated to the memory of Y. Trokhimchuk» May 25-28, 2021	с. 34
3.	м	Favorov S.	Uniqueness theorems for almost periodic objects	International conference «Complex Analysis and Related To-pics, dedicated to the 90th anniversary of A.A. Gol'dberg», Lviv, June 28-July 1, 2021	с. 20
4.	м	Favorov S.	Discrete temperate distributions in Euclidean spaces	Abstracts of 30th St.Petersburg Summer Meeting in Mathematical Analysis, July 1-6, 2021	с. 2
5.	м	Favorov S.	Discrete temperate distributions in Euclidean spaces	The International Conference in Complex and Functional Analysis dedicated to the memory of Bohdan Vynnytskyi: International Conference (September 13–16, 2021, Drohobych, Ukraine) Book of abstracts	с.16
6.	м	Vishnyakova A.	On the entire functions from the Laguerre-Polya I class having the increasing second quotients of Taylor coefficients	Збірник тез International conference «Complex Analysis and Related To-pics, dedicated to the 90th anniversary of A.A. Gol'dberg», Lviv, June 28-July 1, 2021	с. 48
7.	м	Nguen T.H., Vishnyakova A.	On the entire functions from the Laguerre-Polya I class with non-monotonic second	Збірник тез International conference «Complex Analysis and Related To-pics, dedicated to the 90th anniversary of A.A.	с. 36

			quotients of Taylor coefficients	Gol'dberg», Lviv, June 28-July 1, 2021	
8.	м	Vishnyakova A.	On the entire functions from the Laguerre-Polya class with the monotonic second quotients of Taylor coefficients	The International Conference in Complex and Functional Analysis dedicated to the memory of Bohdan Vynnytskyi: International Conference (September 13–16, 2021, Drohobych, Ukraine) Book of abstracts	c. 42
9.	м	Goncharuk A., Gefter S.	Linear differential equations in the ring of formal power series over a topological ring	The International Conference in Complex and Functional Analysis dedicated to the memory of Bohdan Vynnytskyi: International Conference (September 13–16, 2021, Drohobych, Ukraine) Book of abstracts	c.19
10.	м	Nguen T.H., Vishnyakova A.	On the real zeros of the entire functions with non-monotonic second quotients of Taylor coefficients	The International Conference in Complex and Functional Analysis dedicated to the memory of Bohdan Vynnytskyi: International Conference (September 13–16, 2021, Drohobych, Ukraine) Book of abstracts	c.31
11.	м	Zavarzina O.	Plasticidy of the unit balls and related problems	The International Conference in Complex and Functional Analysis dedicated to the memory of Bohdan Vynnytskyi: International Conference (September 13–16, 2021, Drohobych, Ukraine) Book of abstracts	c. 47
12.	м	Heneralov M.V. (студент	Implicit linear difference equations	International conference in complex and functional analysis dedicated to the	c. 20–21

		M-141), Piven' A.L.	over finite commutative rings	memory of Bohdan Vynnytskyi, 2021	
13.	M	Gefter S.L., Piven' A.L.	Linear differential equations in the module of copolynomials	5th International conference "Differential equations and control theory" (DECT-2021) Book of abstracts	c. 18.
14.	M	Goncharuk A., Gefter S.	Linear differential equations in the ring of formal power series	5th International conference "Differential equations and control theory" (DECT-2021) Book of abstracts	c. 19
15.	M	Karpenko I., Shepelsky D.	The large-time asymptotics for the modified Camassa–Holm equation on a non-zero background	5th International conference "Differential equations and control theory" (DECT-2021) Book of abstracts	c. 23