

FRACTAL ANALYSIS Chairs M. Pratsiovytyj, G. Torbin

Join Zoom Meeting

<https://us02web.zoom.us/j/87826801948?pwd=Qlp4WE5KSnJ4d0RpWU1ESIMrSGxvdz09>

Meeting ID: 878 2680 1948

Passcode: 029408

2 June		4 June	
Chair : R. Nikiforov		Chair : G. Torbin	
15:00-15:30	R. Giuliano RÉNYI α -DIMENSION OF RANDOM VARIABLES WITH GENERALIZED CANTOR DISTRIBUTION AND HAUSDORFF DIMENSION OF GENERALIZED CANTOR SETS	15:00-15:30	O. Baranovskyi , M. Pratsiovytyi USING ENGEL SERIES FOR CONSTRUCTION OF CONTINUOUS FUNCTIONS WITH COMPLICATED LOCAL PROPERTIES
15:30-16:00	G. Torbin ON FRACTAL FAITHFULNESS AND ITS APPLICATIONS	15:30-15:50	G. Ivanenko , G. Torbin ON SOME COUNTER-EXAMPLES RELATED TO FRACTAL PROPERTIES OF INFINITE BERNOULLI CONVOLUTIONS
16:00-16:20	O. V. Svynchuk DISTRIBUTION OF VALUES OF FRACTAL FUNCTIONS OF THE CANTOR TYPE	15:50-16:10	V. Patalakha , G. Torbin ON FRACTAL PROPERTIES OF RANDOM VARIABLES WITH INDEPENDENT SYMBOLS OF ARITHMETIC CANTOR EXPANSIONS
16:20-16:40	D. Karvatsky GENERALIZED FIBONACCI NUMBERS AND CANTORVALS	16:10-16:30	M. V. Pratsiovytyi, S. P. Ratushniak DISTRIBUTIONS OF RANDOM VARIABLES WITH INDEPENDENT Q_2 -DIGITS HAVING NONTRIVIAL DENSITIES
16:40-17:00	Coffee break	16:30-16:50	I. M. Lysenko , Yu. P. Maslova, M. V. Pratsiovytyi PROBABILISTIC THEORY OF G_2 -REPRESENTATION OF NUMBERS
Chair : O. Baranovskyi			
17:00-17:30	M. V. Pratsiovytyi PROBABILISTIC THEORY OF TWO-SYMBOL ENCODING OF REAL NUMBERS		
17:30-18:00	R. Nikiforov THE SET OF ESSENTIALLY NON-NORMAL NUMBERS FOR CANTOR SERIES EXPANSION		
18:00-18:20	R. V. Kryvoshyia Q_2 -NORMAL NUMBERS		
18:20-18:40	L. Sydoruk , G. Torbin ON F-EXPANSION AND SINGULARITY OF RELATED PROBABILITY MEASURES		
18:40-19:00	G. Torbin, O. Vaskova ON HAUSDORFF DIMENSION OF PROBABILITY MEASURES WITH INDEPENDENT ICS-SYMBOLS		