

INTERNATIONAL BIWEEKLY ONLINE SEMINAR ON ANALYSIS, DIFFERENTIAL EQUATIONS AND MATHEMATICAL PHYSICS

Coordinators: Prof. Alexey Karapetyants, Prof. Vladislav Kravchenko

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12 January 2023, 6 pm (UTC+3)

Multi-term fractional integro-differential equations in power growth function spaces

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In this joint talk with Drs. Dinh Thanh Duc and Tran Dinh Phung we will introduce a space of average power growth functions on \mathbb{R}_+ , its characterization, and its applications in studying multi-term Caputo fractional integro-differential equations, multi-term Riemann-Liouville fractional integro-differential equations, and time fractional partial differential equations.

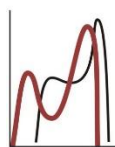
*Seminar website: <https://msrn.sfedu.ru/sl>. The seminar uses Microsoft Teams online platform. Please send questions to ademp.seminar@gmail.com (Tatiana Andreeva, scientific secretary).

The seminar is organized by the coordinators Alexey Karapetyants and Vladislav Kravchenko within the activities of the Regional Mathematical Center of the Southern Federal University in collaboration with Institute of Mathematics, Mechanics and Computer Sciences of the Southern Federal University and the OTHA research group in Operator Theory and Harmonic Analysis.

Региональный научно-образовательный математический центр

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