



ЮЖНЫЙ ФЕДЕРАЛЬНЫЙ УНИВЕРСИТЕТ
Региональный математический центр
SOUTHERN FEDERAL UNIVERSITY
Regional Mathematical Center
<https://rmc.sfedu.ru/>, Rostov-on-Don, Russia

International scientific online seminar on Analysis, Differential Equations and Mathematical Physics

Coordinators: Prof. Alexey Karapetyants, Prof. Vladislav Kravchenko

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Revisiting Stampfli's "The norm of a derivation": Fifty years later

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Let A be a linear bounded operator acting on a Hilbert space \mathbf{H} . The notion of the maximal numerical range of A and its center of mass were introduced by J. Stampfli (Pacific J. Math. 1970) but have not received much attention thereafter. In this talk, I will present several recently obtained properties of these objects, and mention some open problems.

The talk is partially based on joint work with former NYUAD students Ali Hamed and Thanin Quartz.

*Seminar website: <https://rmc.sfedu.ru/seminar>. The seminar uses Microsoft Teams online platform. To join the seminar, please send a request to pichugina@sfedu.ru (Olga Pichugina, scientific secretary).

The seminar is organized by 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 special Interest ISAAC-OTHA group in Operator Theory and Harmonic Analysis.

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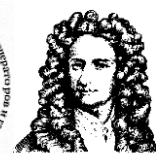
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