

Vladikavkaz Scientific Center of the



Russian Academy of Sciences



North Caucasus Center for Mathematical Research
of the Vladikavkaz Scientific Center of the RAS
Southern Mathematical Institute
of the Vladikavkaz Scientific Center of the RAS



International Seminar

"Operator Theory, Differential Equations and their Applications"

Seminar Chairmen: Prof. Anatoly G. Kusraev, Prof. Marat A. Pliev
Seminar Secretary: PhD Batradz B. Tasoev

May 31, 4 PM (UTC+3)

Hausdorff-Zhu operators on spaces of analytic functions on the disc

Prof. **A.R. Mirotin**

Francisk Skorina Gomel State University, Gomel, Belarus.

The Hausdorff-Zhu operators are a broad generalization of the Zhu operator, which he first considered about 30 years ago. These operators were introduced by the speaker in 2021, In the talk, conditions for boundedness of Hausdorff- Zhu operators for classical spaces of analytic functions and general Mobius- invariant spaces in a disc will be given. Generalizations of Zhu's theorem for the specified spaces and general analytic kernels will also be presented.

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The seminar uses **Webinar** platform.

The seminar is organized by North Caucasus Center for Mathematical Research of the Vladikavkaz Scientific Center of the RAS jointly with Southern Mathematical Institute of the Vladikavkaz Scientific Center of the RAS.

If you have any questions please don't hesitate to contact the secretary of the seminar Batradz Tasoev at seminar_otde@mail.ru