

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**



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### 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 10, 4 PM (UTC+3)**

On the spectra of exponents of oscillation  
and rotatability of some classes of differential systems

**Prof. A.Kh. Stash**

Adyghe State University, Maikop, Russia.

The exponents of oscillation and rotatability of solutions of linear homogeneous differential systems are studied. The values of these exponents are fully described on the set of solutions of autonomous and triangular systems. In addition, the equality of the spectra of mutually conjugate two-dimensional systems for each exponent of oscillation and rotatability is established.

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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](mailto:seminar_otde@mail.ru)