



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

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Bands and band projections in noncommutative spaces of measurable operators

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We introduce the notions of a band, a projection band, and a band projection in the setting of noncommutative Banach function spaces. In particular any band in a noncommutative Banach function space E satisfying the Beppo-Levi property with an order continuous norm is a projection band. We also characterize bands in noncommutative Banach function space E associated to a σ -finite von Neumann.

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The seminar uses **Zoom** 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