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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

November 10, 5 PM (UTC+3)

Free Vector and Banach Lattices

Prof. Vladimir G. Troitsky
University of Alberta, Canada

A vector lattice X is free over a subset A if every map from A to an arbitrary vector lattice Y extends uniquely to a lattice homomorphism from X to Y. Equivalently, A is a minimal generating subset of X. We will consider a related concepts of free vector lattices over vector spaces, as well as free Banach lattices over Banach spaces. we will consider these concepts from the point of view of Category Theory. We will discuss ways of constructing free vector and Banach lattices, as well as their properties.

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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