

Coordinators: Prof. Alexey Karapetyants, Prof. Vladislav Kravchenko

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Choquet order and abelian subalgebras

Ekaterina Turilova, Kazan Federal University, Russia

ekaterina.turilova@kpfu.ru

The aim of this talk is to summarize recent result concerning disintegration of states and Choquet order. We study the interplay between the following structures:

Disintegration of states on operator algebras;

Choquet order of orthogonal measures;

Structure of abelian subalgebras with order relation;

Structure of Jordan morphisms between operator algebras.

*Seminar website: <https://msrn.sfedu.ru/sl>. The seminar uses Microsoft Teams online platform. Please send questions to ademp.seminar@gmail.com (Tatiana Andreeva, scientific secretary).

The seminar is organized by the coordinators Alexey Karapetyants and Vladislav Kravchenko within the activities of 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 OTHA research group in Operator Theory and Harmonic Analysis.



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