



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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Fragments of a positive orthogonally additive operator

Marat A. Pliev

Southern Mathematical Institute of Vladikavkaz Scientific Center
of the Russian Academy of Sciences, Vladikavkaz, Russia;
North-Caucasus Center for Mathematical Research of the Vladikavkaz Scientific Centre
of the Russian Academy of Sciences, Vladikavkaz, Russia.

In this talk we discuss some problems concerning order properties of regular orthogonally additive operators. We describe the Boolean algebra of fragments of a positive orthogonally additive operator from a vector lattice E to a Dedekind complete vector lattice F . Some applications to AM-compact, narrow and dominated orthogonally additive operators are obtained.

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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