



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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On solvability of convolution equations in spaces of ultradifferentiable functions

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We consider a problem of solvability of convolution equations in the Beurling and Roumieu spaces of ultradifferentiable functions on the real axis. We give a survey of known and new results on this topic. Conditions under which a convolution equation has a solution in the space for each right-hand side from it or, correspondingly, for each right-hand side from some subspace, will be discussed. We consider all types of spaces: maximal or minimal type and the mean one.

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If you have any questions please don't hesitate to contact the secretary of the seminar Batradz Tasoev at seminar_otde@mail.ru