International Seminar
"Operator Theory, Differential Equations and their Applications"

Seminar Chairmen: Prof. Anatoly G. Kusraev, Prof. Marat A. Pliev
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On the continuous dependence of the solution of a differential equation
on its right-hand side and boundary conditions

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For a differential equation with general boundary conditions, a theorem on the continuous dependence of the solution of this equation on its right side and given boundary conditions is proved. As a consequence, the generalization of A.F. Filippov's theorem on the continuous dependence of the solution of a differential equation on its right side and the initial condition in the Cauchy problem is proved, as well as theorem on the continuous dependence on the right side and boundary conditions in the boundary value problem for the second order equation.

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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