Flinders Mathematical Sciences Laboratory
Seminar Announcement

FMSL SEMINAR SERIES

Thursday, November 14th 2019
2:00pm – 3:00pm
Room 4.16, Tonsley Building

Prof. Alexander Ivanitsky
Faculty of Applied Mathematics, Physics and Information Technology,
Ulianov Chuvash State University, Russia

The Pointwise Residual Methods for Solving Ill-posed Problems with Inexact Data

The pointwise residual method for solving ill-posed systems of algebraic equations and inequalities is based on the method for solving ill-posed linear programming problems with inexact data, developed by the speaker and his co-authors, that guarantees the optimal order of error.

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Prof Alexander Ivanitsky is the Dean of the Faculty of Applied Mathematics, Physics and Information Technology at Chuvash State University in Cheboksary (Russia). He obtained his PhD from Moscow State University (1988). Prior to this, he also studied at Chuvash State University and at Ohio State University.

His expertise covers methods of solving ill-posed LP problems, and mathematical methods of economics. His three monographs "Linear Programming", "In-depth analysis of Linear Programming" and "Risk theory in insurance" withheld several editions and are quite popular around the globe.