1135-41-252   **Vira Babenko*** (`vbabenko@ithaca.edu`), **Vladyslav Babenko** and **Mariya Polischuk**.
Optimal recovery of operators on the classes of functions with values in L-spaces.

In this talk, we will present a solution to the problem of optimal recovery of operators on the classes of functions with values in L-spaces that have a given majorant of moduli of continuity (we use information given with error). The consideration of classes of functions with values in L-spaces allows us to consider various problems of optimal recovery (for operators in spaces of set-valued functions, fuzzy-valued functions, and others) within one general approach. (Received August 16, 2017)