1023-49-779   **Ilya Shvartsman*** (`shvartia@muohio.edu`), Department of Mathematics and Statistics, Miami University, Oxford, OH 45056, and **Boris S Mordukhovich**. *Minimax Approach to Feedback Control of Distributed-Parameter Systems.*

This talk concerns a minimax control design problem for a class of parabolic PDE systems with nonregular boundary conditions and uncertain distributed perturbations under control and state constraints. The goal of the control is to neutralize the adverse effect of uncertain disturbances on the dynamics. An efficient procedure for solving minimax control problems for hard-constrained parabolic systems is developed. (Received September 21, 2006)

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