Alexander Y. Khapalov:

PUBLICATIONS

Research Monograph:


Refereed papers (including conference papers):


[7] Estimation of distributed fields from results of observations (with A.B. Kurzhanskii). In

[8] On the state estimation problem for distributed systems (with A.B. Kurzhanskii). In


[10] On approximation of the optimal sensor allocation problem (with E.K. Kostousova). In


[54] Bilinear controllability properties of a vibrating string with variable axial load and damping gain, Dynamics of Cont., Discrete and Impulsive Systems, 10 (2003), 721 - 743.


[63] The wellposedness of a 2-D swimming model governed in the nonstationary Stokes fluid by multiplicative controls (with S. Eubanks), *Applicable Analysis*, **88** (2009), pp. 1763-1783.


Some technical reports in 1987-1995:


[12] Some aspects of the asymptotic behavior of the solutions of the semilinear heat equation with application to approximate controllability, TRECE 94.003, Oregon State University, Corvallis, Oregon, 21 p.


[14] Huygens’ principle and the problem of exact controllability for second order hyperbolic equations. TRECE 95.001, Oregon State University, Corvallis, Oregon, 17 p.

[15] On unique continuation of the solutions of the parabolic equation from a curve and control, TRECE 95.002, Oregon State University, Corvallis, Oregon.