

Optimal Control Problems For Partial Differential Equations On Reticulated Domains

[DOWNLOAD HERE](#)

Introduction.- Part I. Asymptotic Analysis of Optimal Control Problems for Partial Differential Equations:
Basic Tools.- Background Material on Asymptotic Analysis of External Problems.- Variational Methods of
Optimal Control Theory.- Suboptimal and Approximate Solutions to External Problems.- Introduction to
the Asymptotic Analysis of Optimal Control Problems: A Parade of Examples.- Convergence Concepts in
Variable Banach Spaces.- Convergence of Sets in Variable Spaces.- Passing to the Limit in Constrained
Minimization Problems.- Part II. Optimal Control Problems on Periodic Reticulated Domains: Asymptotic
Analysis and Approximate Solutions.- Suboptimal Control of Linear Steady-States Processes on Thin
Periodic Structures with Mixed Boundary Controls.- Approximate Solutions of Optimal Control Problems
for Ill-Posed Objects on Thin Periodic Structures.- Asymptotic Analysis of Optimal Control Problems on
Periodic Singular Structures.- Suboptimal Boundary Control of Elliptic Equations in Domains with Small
Holes.- Asymptotic Analysis of Elliptic Optimal Control Problems in Thick Multi-Structures with Dirichlet
and Neumann Boundary Controls.- Gap Phenomenon in Modeling of Suboptimal Controls to Parabolic
Optimal Control Problems in Thick Multi-Structures.- Boundary Velocity Suboptimal Control of
Incompressible Flow in Cylindrically Perforated Domains.- Optimal Control Problems in Coefficients:
Sensitivity Analysis and Approximation.- References.- Index. EAN/ISBN : 9780817681494 Publisher(s):
Springer, Berlin, Birkhäuser Format: ePUB/PDF Author(s): Kogut, Peter I. - Leugering, Gnter R.

[DOWNLOAD HERE](#)

Similar manuals: