



Numerical Analysis and Optimization: An Introduction to Mathematical Modelling and Numerical Simulation

By Gr12goire Allaire

OUP Oxford. Paperback. Book Condition: New. This item is printed on demand. Paperback. 472 pages. This text, based on the authors teaching at Ecole Polytechnique, introduces the reader to the world of mathematical modelling and numerical simulation. Covering the finite difference method; variational formulation of elliptic problems; Sobolev spaces; elliptical problems; the finite element method; Eigenvalue problems; evolution problems; optimality conditions and algorithms and methods of operational research, and including a several exercises throughout, this is an ideal text for advanced undergraduate students and graduates in applied mathematics, engineering, computer science, and the physical sciences. This item ships from La Vergne, TN. Paperback.



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