Numerical Methods for Elliptic and Parabolic Partial Differential Equations (Hardback)

By Peter Knabner, Lutz Angerman

Springer-Verlag New York Inc., United States, 2003. Hardback. Condition: New. 2003 ed.. Language: English . Brand New Book ***** Print on Demand *****.This text provides an application oriented introduction to the numerical methods for partial differential equations. It covers finite difference, finite element, and finite volume methods, interweaving theory and applications throughout. The book examines modern topics such as adaptive methods, multilevel methods, and methods for convection-dominated problems and includes detailed illustrations and extensive exercises.

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