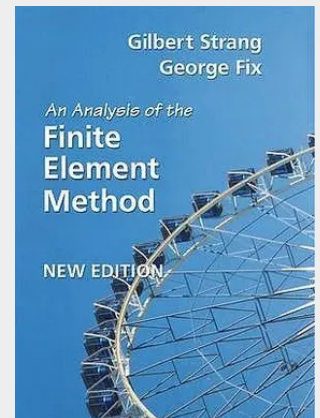


An Analysis of the Finite Element Method

This second edition has two parts. The first part is the complete classic by Gilbert Strang and George Fix, first published in 1973. The original book demonstrates the solid mathematical foundation of the finite element idea, and the reasons for its success. The second part is a new textbook by Strang. It provides examples, codes, and exercises to connect the theory of the Finite Element Method directly to the applications. The reader will learn how to assemble the stiffness matrix K and solve the finite element equations $KU=F$. Discontinuous Galerkin methods with a numerical flux function are now included. Strang's approach is direct and focuses on learning finite elements by using them.

This second edition has two parts. The first part is the complete classic by Gilbert Strang and George Fix, first published in 1973. The original book demonstrates the solid mathematical foundation of the finite element idea, and the reasons for its success. The second part is a new textbook by Strang. It provides examples, codes, and exercises to connect the theory of the Finite Element Method directly to the applications. The reader will learn how to assemble the stiffness matrix K and solve the finite element equations $KU=F$. Discontinuous Galerkin methods with a numerical flux function are now included. Strang's approach is direct and focuses on learning finite elements by using them.



83,50 €

83,50 € (zzgl. MwSt.)

Kurzfristig nicht lieferbar, wird unverzüglich nach Lieferbarkeit versandt.

Artikelnummer: 9780980232707
Medium: Buch
ISBN: 978-0-9802327-0-7
Verlag: Wellesley
Erscheinungstermin: 01.05.2008
Sprache(n): Englisch
Auflage: 2. UK Auflage 2008
Produktform: Gebunden
Gewicht: 883 g
Seiten: 400
Format (B x H): 184 x 262 mm

