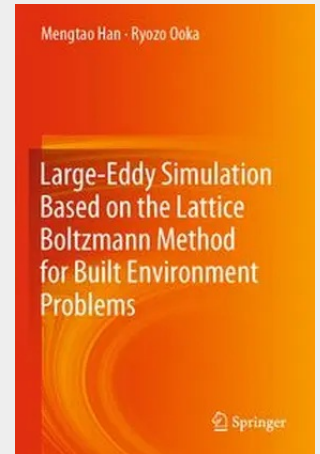


Large-Eddy Simulation Based on the Lattice Boltzmann Method for Built Environment Problems

This book details the lattice Boltzmann method (LBM) applied to the built environment problems. It provides the fundamental theoretical knowledge and specific implementation methods of LBM from the engineering perspective of the built environment. It covers comprehensive issues of built environment with three detailed cases, solving practical problems. It can be used as a reference book for teachers, students, and engineering technicians to study LBM and conduct architecture and urban wind environments simulations, in the fields of architecture, building technology science, urban planning, HVAC, built environment engineering, and civil engineering.

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181,89 €

169,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9789819912667

Medium: Buch

ISBN: 978-981-99-1266-7

Verlag: Springer Nature Singapore

Erscheinungstermin: 31.05.2024

Sprache(n): Englisch

Auflage: 2023

Produktform: Kartoniert

Gewicht: 365 g

Seiten: 216

Format (B x H): 155 x 235 mm

