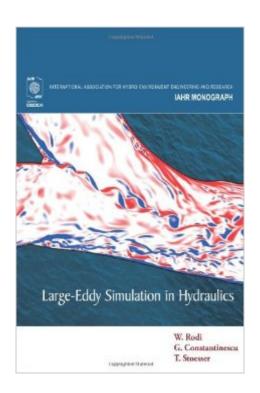
The book was found

Large-Eddy Simulation In Hydraulics (IAHR Monographs)





Synopsis

Large-Eddy Simulation (LES), which is an advanced eddy-resolving method for calculating turbulent flows, is used increasingly in Computational Fluid Dynamics, also for solving hydraulics and environmental flow problems. The method has generally great potential and is particularly suited for problems dominated by large-scale turbulent structures. This book gives an introduction to the LES method specially geared for hydraulic and environmental engineers. Compared with existing books on LES it is less theoretically and mathematically demanding and hence easier to follow, and it covers special features of flows in water bodies and summarizes the experience gained with LES for calculating such flows. The book was written primarily as an introduction to LES for hydraulic and environmental engineers, but it will also be very useful as an entry to the subject of LES for researchers and students in all fields of fluids engineering. The applications part will further be useful to researchers interested in the physics of flows governed by the dynamics of coherent structures.

Book Information

Series: IAHR Monographs

Hardcover: 266 pages

Publisher: CRC Press; 1 edition (June 27, 2013)

Language: English

ISBN-10: 1138000248

ISBN-13: 978-1138000247

Product Dimensions: 6.9 x 0.7 x 9.7 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,941,998 in Books (See Top 100 in Books) #544 in Books > Science &

Math > Nature & Ecology > Water Supply & Land Use #561 in Books > Engineering &

Transportation > Engineering > Mechanical > Hydraulics #676 in Books > Engineering &

Transportation > Engineering > Civil & Environmental > Environmental > Water Quality & Treatment

Download to continue reading...

Large-Eddy Simulation in Hydraulics (IAHR Monographs) Numerical Techniques for Direct and Large-Eddy Simulations (Chapman & Hall/CRC Numerical Analysis and Scientific Computing Series) Sing You Home Large Print (Large Print, companion soundtrack, Large Print) Word Search Puzzles Large Print: Large print word search, Word search books, Word search books for adults,

Adult word search books, Word search puzzle books, Extra large print word search Cell Biology of Tooth Enamel Formation: Functional Electron Microscopic Monographs (Monographs in Oral Science, Vol. 14) The Higher Infinite: Large Cardinals in Set Theory from Their Beginnings (Springer Monographs in Mathematics) 101 Wild Game Recipes - Large Game: Large Game (The Hunter's Cookbook Book 3) Large Print Easy Monday Crosswords (Large Print Crosswords) Large Print Easy Monday Crosswords #2 (Large Print Crosswords) The Best Large Print Word Search Puzzle Book: A Collection of 50 Themed Word Search Puzzles; Great for Adults and for Kids! (The Best Large Print Word Search Puzzle Books) (Volume 1) The Everything Easy Large-Print Crosswords Book, Volume V: 150 Easy Crossword Puzzles in Large Print (Volume 5) The Everything Easy Large-Print Crosswords Book, Volume VI: More Than 100 Easy Crossword Puzzles in Large Print The Everything Large-Print Bible Word Search Book: 150 inspirational puzzles - now in large print! (Everything Series) Large Print SPANISH Word Search Puzzles (Revised Edition No.1) (Large Print SPANISH Word Search Puzzles (Revised Edition Vol 1)) (Volume 1) (Spanish Edition) Large Animal Dermatology (THE VETERINARY CLINICS OF NORTH AMERICA: Large Animal Practice, Volume 6, Number 1) Computational Hydraulics Remediation Hydraulics Fire Service Hydraulics and Water Supply Introduction to Hydraulics & Hydrology: With Applications for Stormwater Management Applied Drilling Circulation Systems: Hydraulics, Calculations and Models

<u>Dmca</u>