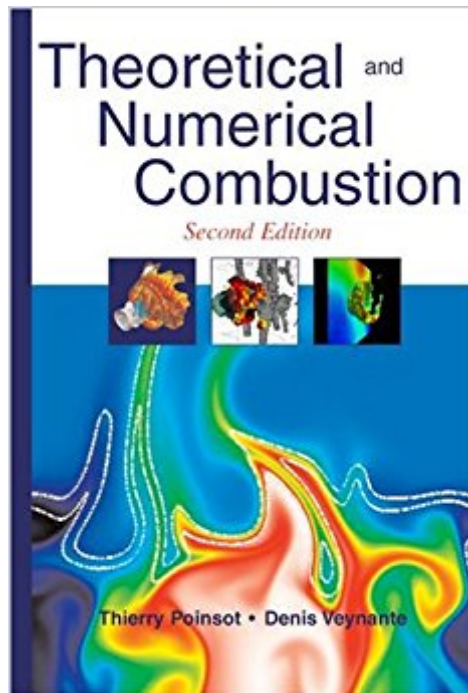




Ebook Directory
the best source of ebook

The book was found

Theoretical And Numerical Combustion, Second Edition



Synopsis

Presents basic techniques and recent progress in numerical combustion while establishing important connections with the underlying combustion basics. Fully updated to reflect the latest advances in combustion research. Mirrors evolution of unsteady simulation methods such as LES codes for partially premixed flames and complex geometry burners. Includes extended descriptions of wave equations in reacting flows, physics of combustion instabilities, acoustic/combustion coupling; and a new chapter devoted to LES in real combustors, including comparisons with experimental data.

Book Information

Paperback: 540 pages

Publisher: R.T. Edwards, Inc.; 2 edition (January 31, 2005)

Language: English

ISBN-10: 1930217102

ISBN-13: 978-1930217102

Product Dimensions: 7.5 x 1.1 x 9.2 inches

Shipping Weight: 2 pounds

Average Customer Review: 4.2 out of 5 starsÂ Â See all reviewsÂ (4 customer reviews)

Best Sellers Rank: #2,079,228 in Books (See Top 100 in Books) #74 inÂ Books > Science & Math > Chemistry > Physical & Theoretical > Electrochemistry #480 inÂ Books > Engineering & Transportation > Engineering > Chemical > Fluid Dynamics #1575 inÂ Books > Science & Math > Physics > Dynamics

Customer Reviews

Being one of the authors of this book, I wont criticize it... But the version sold by today is an old one. The third edition being now available, I advise readers to look for this one. It is actually surprising that is still selling this version, considering that its editor went bankrupt two years ago... I keep wondering where can buy new copies without the authors knowing about it ?

Two experts on combustion share the knowledge and break difficult issues down to provide a deep understanding of the phenomena. I would recomend it as text and reference book to anyone with basic knowledge in fluid dynamics. Only drawback:It won't tell you which turbulent combustion model to use in which application.

Written by 2 combustion experts from Ecole Centrale Paris (one of the top engineering schools of France and I'd say of the world). These two scientist work on the open field of numerical modeling of reacting, turbulent flows. These guys know what they are doing, not only get the math right but also are exposed to a great deal of experimental research carried on at Ecole Centrale. This is extremely important: they are able to validate their models and do not just produce numerical computations. It is a landmark book!!!!

Poor binding, the book falls apart after you open it a few times.

[Download to continue reading...](#)

Theoretical and Numerical Combustion, Second Edition Numerical Techniques for Direct and Large-Eddy Simulations (Chapman & Hall/CRC Numerical Analysis and Scientific Computing Series) The Nature of Theoretical Thinking in Nursing: Third Edition (Kim, The Nature of Theoretical Thinking in Nursing) Philosophical And Theoretical Perspectives For Advanced Nursing Practice (Cody, Philosophical and Theoretical Perspectives for Advances Nursing Practice) Quantum Mechanics: The Theoretical Minimum (Theoretical Minimum, The) Fire Behavior and Combustion Processes Trace Elements in Coal and Coal Combustion Residues (Advances in Trace Substances Research) An Introduction to Combustion: Concepts and Applications Combustion Engineering Issues for Solid Fuel Systems Coal Combustion Internal Combustion Engines: Applied Thermosciences Partial Differential Equations: Analytical and Numerical Methods, Second Edition Numerical Analysis for Engineers: Methods and Applications, Second Edition (Textbooks in Mathematics) Computability, Complexity, and Languages, Second Edition: Fundamentals of Theoretical Computer Science (Computer Science and Scientific Computing) Quantum Electrodynamics, Second Edition: Volume 4 (Course of Theoretical Physics) Stochastic Models, Information Theory, and Lie Groups, Volume 2: Analytic Methods and Modern Applications (Applied and Numerical Harmonic Analysis) Numerical Recipes Example Book (FORTRAN) 2nd Edition Precalculus: Graphical, Numerical, Algebraic (8th Edition) Calculus: Graphical, Numerical, Algebraic, 3rd Edition FORTRAN 77 and Numerical Methods for Engineers and Scientists

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)