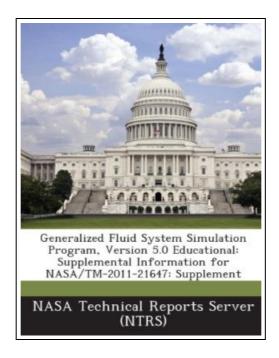
Generalized Fluid System Simulation Program, Version 5.0 Educational: Supplemental Information for NASATM-2011-21647: Supplement



Filesize: 1.58 MB

Reviews

Thorough information for pdf fans. It really is rally interesting through looking at time. I am easily will get a satisfaction of studying a published pdf.

(Autumn Bahringer)

GENERALIZED FLUID SYSTEM SIMULATION PROGRAM, VERSION 5.0 EDUCATIONAL: SUPPLEMENTAL INFORMATION FOR NASATM-2011-21647: SUPPLEMENT



Bibliogov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 84 pages. Dimensions: 9.7in. x 7.4in. x 0.2in.The Generalized Fluid System Simulation Program (GFSSP) is a finite-volume based general-purpose computer program for analyzing steady state and time-dependent flow rates, pressures, temperatures, and concentrations in a complex flow network. The program is capable of modeling real fluids with phase changes, compressibility, mixture thermodynamics, conjugate heat transfer between solid and fluid, fluid transients, pumps, compressors and external body forces such as gravity and centrifugal. The thermofluid system to be analyzed is discretized into nodes, branches, and conductors. The scalar properties such as pressure, temperature, and concentrations are calculated at nodes. Mass flow rates and heat transfer rates are computed in branches and conductors. The graphical user interface allows users to build their models using the point, drag and click method; the users can also run their models and post-process the results in the same environment. The integrated fluid library supplies thermodynamic and thermo-physical properties of 36 fluids and 21 different resistancesource options are provided for modeling momentum sources or sinks in the branches. This Technical Memorandum illustrates the application and verification of the code through 12 demonstrated example problems. This supplement gives the input and output data files for the examples. This item ships from La Vergne, TN. Paperback.

Read Generalized Fluid System Simulation Program, Version 5.0 Educational: Supplemental Information for NASATM-2011-21647: Supplement Online

Download PDF Generalized Fluid System Simulation Program, Version 5.0 Educational: Supplemental Information for NASATM-2011-21647: Supplement

See Also



The Thinking Moms' Revolution: Autism Beyond the Spectrum: Inspiring True Stories from Parents Fighting to Rescue Their Children

Skyhorse Publishing. Paperback. Book Condition: new. BRAND NEW, The Thinking Moms' Revolution: Autism Beyond the Spectrum: Inspiring True Stories from Parents Fighting to Rescue Their Children, Helen Conroy, Lisa Joyce Goes, Robert W. Sears, "The...

Download PDF »

Download PDF »



The Thinking Moms Revolution: Autism Beyond the Spectrum: Inspiring True Stories from Parents Fighting to Rescue Their Children (Hardback)

Skyhorse Publishing, United States, 2013. Hardback. Book Condition: New. 231 x 157 mm. Language: English . Brand New Book. The Thinking Moms Revolution (TMR) is a group of twentythree moms (and one awesome dad) from...



The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program

Brookes Publishing Co, United States, 2015. Paperback. Book Condition: New. 274 x 213 mm. Language: English. Brand New Book. Filled with tips, tools, and strategies, this book is the comprehensive, practical toolbox preschool administrators...

Download PDF >



Hands Around the World: 365 Creative Ways to Build Cultural Awareness & Global Respect (Williamson Kids Can! Books)

Williamson Publishing Company, 1992. Paperback. Book Condition: New. THE BOOK IS BRAND NEW. MAY HAVE SCHOOL MARKINGS OR MINOR SHELF WEAR.MULTIPLE COPIES AVAILABLE. FAST SHIPPING. WE OFFER FREE TRACKING NUMBER UPON FAST SHIPMENT OF YOUR...

Download PDF »



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English. Brand New Book
***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can usually...

Download PDF >>



From Here to Paternity

SIMON SCHUSTER, United States, 2007. Paperback. Book Condition: New. 198 x 130 mm. Language: English . Brand New Book. Will Jackson is a desperate man - desperate to be a dad, that is. Tired of Save eBook »



Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success
Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success, Eva M. Horn, Susan B. Palmer, Gretchen D. Butera, Joan A. Lieber, How

Save eBook »



Diary of a Potion Maker (Book 2): Jail Break (an Unofficial Minecraft Book for Kids Ages 9 - 12 (Preteen)

Createspace Independent Publishing Platform, United States, 2016. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book. GENRE: Childrens Adventure (An Unofficial Minecraft Book for Kids Ages 9 - 12 (Preteen) Save eBook »



Nelson Mandela: From Prisoner to President

Random House USA Inc, United States, 2016. Paperback. Book Condition: New. Nicole Tadgell (illustrator). 229 x 152 mm. Language: English . Brand New Book. The story of Nelson Mandela, the Nobel Prize winning activist for Save e Book »



Preschool Skills Same and Different Flash Kids Preschool Skills by Flash Kids Editors 2010 Paperback Book Condition: Brand New. Book Condition: Brand New.

Save eBook »