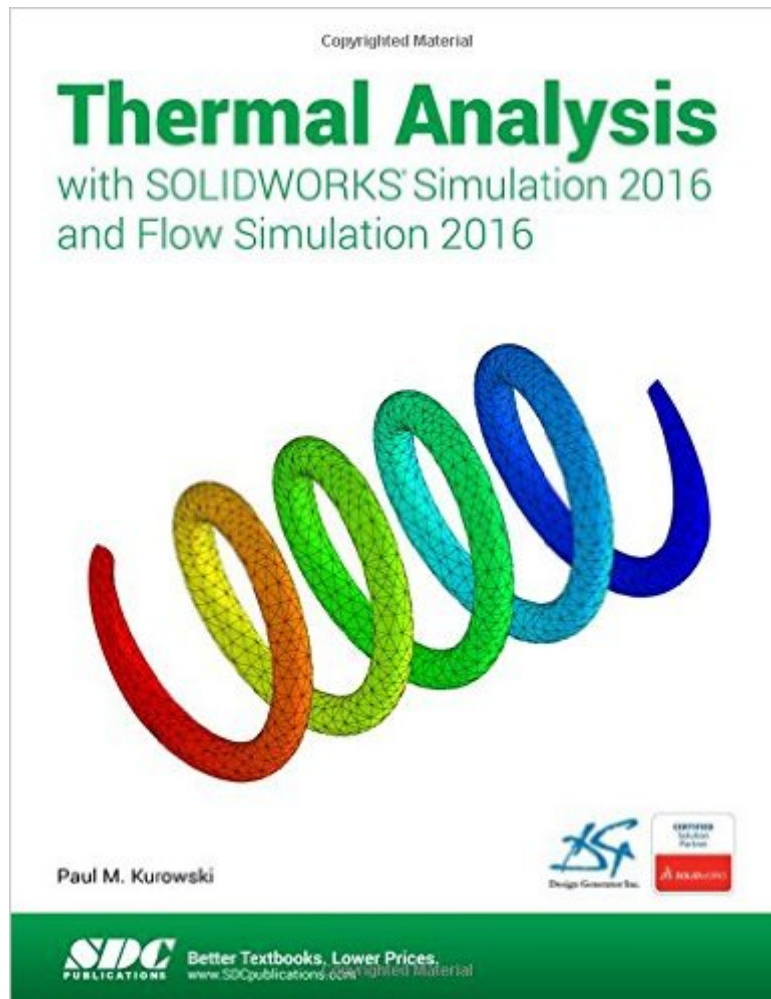


The book was found

Thermal Analysis With SOLIDWORKS Simulation 2016 And Flow Simulation 2016



Synopsis

Thermal Analysis with SOLIDWORKS Simulation 2016 goes beyond the standard software manual. It concurrently introduces the reader to thermal analysis and its implementation in SOLIDWORKS Simulation using hands-on exercises. A number of projects are presented to illustrate thermal analysis and related topics. Each chapter is designed to build on the skills and understanding gained from previous exercises. Thermal Analysis with SOLIDWORKS Simulation 2016 is designed for users who are already familiar with the basics of Finite Element Analysis (FEA) using SOLIDWORKS Simulation or who have completed the book Engineering Analysis with SOLIDWORKS Simulation 2016. Thermal Analysis with SOLIDWORKS Simulation 2016 builds on these topics in the area of thermal analysis. Some understanding of FEA and SOLIDWORKS Simulation is assumed.

Table of Contents

1. Introduction
2. Hollow plate
3. L bracket
4. Thermal analysis of a Round bar
5. Floor heating duct part 1
6. Floor heating duct part 2
7. Hot plate
8. Thermal and thermal stress analysis of a coffee mug
9. Thermal and thermal buckling analysis of a link
10. Thermal analysis of a heat sink
11. Radiative power of a black body
12. Radiation of a hemisphere
13. Radiation between two bodies
14. Heat transfer with internal fluid flow
15. Heat transfer with external fluid flow
16. Radiative Heat Transfer
17. NAFEMS Benchmarks
18. Summary and miscellaneous topics
19. Glossary of terms
20. References
21. List of exercises

Book Information

Perfect Paperback: 300 pages

Publisher: SDC Publications (May 31, 2016)

Language: English

ISBN-10: 1630570117

ISBN-13: 978-1630570118

Product Dimensions: 0.8 x 8.5 x 10.8 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 2.0 out of 5 stars Â Â See all reviews Â (1 customer review)

Best Sellers Rank: #208,278 in Books (See Top 100 in Books) #24 in Â Books > Computers & Technology > Graphics & Design > CAD > Solidworks #206 in Â Books > Computers & Technology > Graphics & Design > Computer Modelling #302 in Â Books > Arts & Photography > Architecture > Drafting & Presentation

Customer Reviews

The book is nice, but it looks like the analysis from 2015 to 2016 is the same. I was specifically

interested in the radiation component thermal analysis, and was disappointed with what I got.

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

Thermal Analysis with SOLIDWORKS Simulation 2016 and Flow Simulation 2016 An Introduction to SOLIDWORKS Flow Simulation 2016 An Introduction to SolidWorks Flow Simulation 2014 Engineering Analysis with SOLIDWORKS Simulation 2016 Introduction to Finite Element Analysis Using SOLIDWORKS Simulation 2016 Analysis of Machine Elements Using SOLIDWORKS Simulation 2016 Analysis of Machine Elements Using SolidWorks Simulation 2014 Engineering Analysis with SolidWorks Simulation 2013 Introduction to Finite Element Analysis Using SolidWorks Simulation 2014 Engineering Analysis with SOLIDWORKS Simulation 2015 Introduction to Finite Element Analysis Using SOLIDWORKS Simulation 2015 Engineering Analysis with SolidWorks Simulation 2014 Introduction to Finite Element Analysis Using SolidWorks Simulation 2013 Vibration Analysis with SOLIDWORKS Simulation 2015 Analysis of Machine Elements Using SOLIDWORKS Simulation 2015 Vibration Analysis with SolidWorks Simulation 2014 Certified SOLIDWORKS Expert Preparation Materials SOLIDWORKS 2016 Motion Simulation and Mechanism Design with SOLIDWORKS Motion 2016 Official Guide to Certified SolidWorks Associate Exams - CSWA, CSDA, CSWSA-FEA (SolidWorks 2015, 2014, 2013, and 2012) Official Certified SolidWorks Professional (CSWP) Certification Guide with Video Instruction: SolidWorks 2012-2014

[Dmca](#)