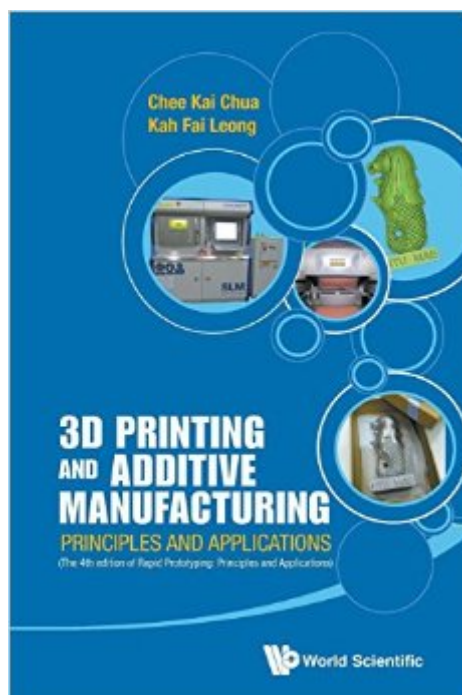# 3D Printing And Additive Manufacturing: Principles And Applications (with Companion Media Pack) - Fourth Edition Of Rapid Prototyping

Synopsis

3D Printing and Additive Manufacturing (AM) has revolutionized how prototypes are made and small batch manufacturing carried out. With additive manufacturing, the strategies used to produce a part change a number of important considerations and limitations previously faced by tool designers and engineers. This textbook is the fourth edition of Rapid Prototyping: Principles and Applications. It covers the key AM processes, the available models and specifications, and their principles, materials, advantages and disadvantages. Examples of application areas in design, planning, manufacturing, biomedical engineering, entertainment, weaponry, art and architecture are also given. The book includes several related problems for the reader to test his or her understanding of the topics. The included CD-ROM presents animated illustrations of the working principles of today's key AM processes.Readership: Secondary school students, junior college students, diploma and advanced diploma students, undergraduates, postgraduates, consultants, academics, researchers and professionals in mechanical and industrial engineering.

Book Information

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Customer Reviews

The seller was extremely quick in processing and shipping this order. I was really happy with it. The book, however, is terrible. You will be better educated through a few hours of skimming Wikipedia articles. It is not worth your money.

This was one of two texts required text for a Master's level course. Overall it's an informative text and is well written.

It is my textbook. It is a really useful book for me.

3D Printing and Additive Manufacturing: Principles and Applications (with Companion Media Pack) - Fourth Edition of Rapid Prototyping Understanding Additive Manufacturing: Rapid Prototyping, Rapid Tooling, Rapid Manufacturing Additive Manufacturing: 3D Printing for Prototyping and Manufacturing The 3D Printing Bible: Everything You Need To Know About 3D Printing (3D Printing, 3D Modelling, Additive Manufacturing, 3D Printers Book 1) 3D Printing: The Ultimate Guide to Mastering 3D Printing for Life (3D Printing, 3D Printing Business, 3D Print, How to 3D Print, 3D Printing for Beginners) 3D Printing: The Ultimate 3D Printing Guide! (3D Printers, 3D Modelling, 3D Plotting) (3D Printing, 3D Printers, 3D Modelling, 3D Plotting) FPGA-Based Prototyping Methodology Manual: Best Practices in Design-For-Prototyping 3D Printing: The Next Technology Gold Rush - Future Factories and How to Capitalize on Distributed Manufacturing Printing Things: Visions and Essentials for 3D Printing Conventional Label Printing Processes: Letterpress, lithography, flexography, screen, gravure and combination printing How to Make Money with 3D Printing: Passive Profits, Hacking the 3D Printing Ecosystem, and Becoming a World-Class 3D Designer How to Become a 3D Printing Entrepreneur: The Top Book on How You Can Make Money With 3D Printing 3D Printing Business: Learn the opportunities to make money with 3D printing Introduction to Windows® and Graphics Programming with Visual C++®: (with Companion Media Pack): 2nd Edition Introduction to Windows® and Graphics Programming with Visual C++®:(with Companion Media Pack) Controller Area Network Prototyping With Arduino: Creating CAN Monitoring, Diagnostics, and Simulation Applications Rapid Weight loss Diet: 101. Delicious, Nutritious, Low Budget, Mouthwatering Rapid Weight loss Diet Cookbook Atkins Diet Rapid Weight Loss: Atkins Diet Guide for Beginners - Lose Up To 30 Pounds in 30 Days (Atkins Diet Books, Atkins Diet Recipes, Diet Cookbook, ... Rapid Weight Loss, Low Carb, Weight Loss)) Atkins diet for rapid weight loss - Lose 5 lbs in Just 1 Week: atkins diet cookbook, atkins diet for rapid weight loss, atkins diet for beginners, atkins vegetarian July Fourth Cheer: A Rhyming Picture Book for Children about the Fourth of July, July 4th Cheer and Family Fun on the Fourth of July