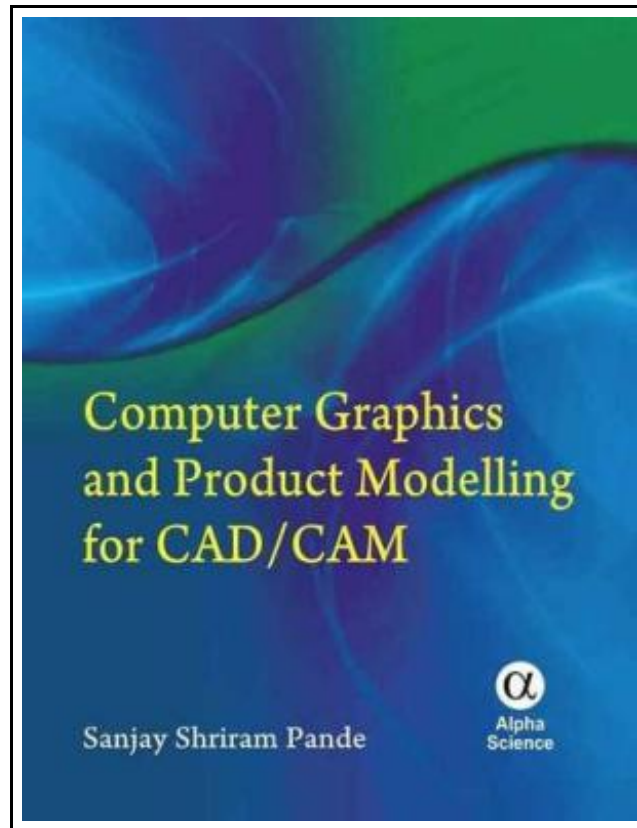


Computer Graphics and Product Modelling for CAD/CAM (Hardback)



Filesize: 3.81 MB

Reviews

I just started off reading this article ebook. It is actually written in basic words and not confusing. I am just very happy to let you know that this is the best ebook I actually have read through inside my individual daily life and can be the finest ebook for possibly.

(Dayne Johns)

COMPUTER GRAPHICS AND PRODUCT MODELLING FOR CAD/CAM (HARDBACK)



Alpha Science International Ltd, United Kingdom, 2011. Hardback. Book Condition: New. 249 x 193 mm. Language: English . Brand New Book. Product design and manufacturing activities worldwide are facing several challenges due to shorter product life cycles, frequent design revisions and the need for shortest time to market. To meet these challenges, Computer Aided Design and Manufacturing (CAD/CAM) technology has been developed during the past two decades to automate and integrate various activities of the product cycle. Computer Graphics plays a key role in CAD/CAM to create Virtual world for digital prototyping. Graphics enables a designer to interactively synthesize various product shapes, visualize them in different settings and analyze their functional performance. Product Modeling forms the heart of any CAD/CAM activity as it creates a central repository of product data to suit the down-line application tasks like FEM analysis, CNC programming, rapid prototyping etc. Product model creation, validation, representation and interpretation are thus, the key issues which directly govern the efficacy of CAD/CAM. This book is primarily written with a view to present the fundamentals of Computer Graphics and Product Modeling for CAD/CAM applications. In essence, it will present the mathematical basis for 3 D object modeling, transformation and visualization, geometric design of curves and surfaces, Solid and surface modeling, Feature based and Constraint based modeling and Product Data Exchange standards. The book includes solved problems, practice problems and review questions. It is expected to serve as a foundational text book for senior undergraduate and postgraduate students of Mechanical Engineering.



Read Computer Graphics and Product Modelling for CAD/CAM (Hardback) Online
Download PDF Computer Graphics and Product Modelling for CAD/CAM (Hardback)

You May Also Like



Design Collection Creative Cloud Revealed Update (Mixed media product)

Cengage Learning, Inc, United States, 2013. Mixed media product. Book Condition: New. 239 x 193 mm. Language: English . Brand New Book. Your Adobe Creative Cloud package includes two components: 1) Online access to Adobe...

[Read Document »](#)



The Web Collection, Revealed: Adobe Creative Cloud Update (Mixed media product)

Cengage Learning, Inc, United States, 2013. Mixed media product. Book Condition: New. Premium ed. 241 x 193 mm. Language: English . Brand New Book. Your Adobe Creative Cloud package includes two components: 1) Online access...

[Read Document »](#)



California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Pearson, United States, 2015. Loose-leaf. Book Condition: New. 10th. 249 x 201 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies...

[Read Document »](#)



ESV Study Bible, Large Print (Hardback)

CROSSWAY BOOKS, United States, 2014. Hardback. Book Condition: New. Large Print. 249 x 178 mm. Language: English . Brand New Book. The ESV Study Bible, Large Print edition transforms the content of the award-winning ESV...

[Read Document »](#)



Adobe Photoshop CS6 Revealed (Hardback)

Cengage Learning, Inc, United States, 2012. Hardback. Book Condition: New. 236 x 193 mm. Language: English . Brand New Book. Adobe Photoshop has long provided cutting edge technology for sophisticated digital editing, and ADOBE PHOTOSHOP...

[Read Document »](#)

**Three Simple Rules for Christian Living: Study Book (Paperback)**

Abingdon Press, United States, 2009. Paperback. Book Condition: New. 224 x 150 mm. Language: English . Brand New Book. Three Simple Rules for Christian Living by Jeanne Torrence Finley and Rueben P. Job This small-group

[Read PDF »](#)

**Cello Concerto, Op. 104 / B. 191: Study Score (Paperback)**

Petrucchi Library Press, United States, 2013. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.Dvorak had long refused the repeated requests for a cello concerto

[Read PDF »](#)

**Violin Concerto, Op.53 / B.108: Study Score (Paperback)**

Petrucchi Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.Commissioned by the eminent violinist Joseph Joachim after a Berlin meeting

[Read PDF »](#)

**Electronic Dreams: How 1980s Britain Learned to Love the Computer**

Audible Studios on Brilliance, United States, 2016. CD-Audio. Book Condition: New. Unabridged. 170 x 135 mm. Language: English . Brand New. Remember the ZX Spectrum? Ever have a go at programming with its stretchy rubber

[Read PDF »](#)

**The Water Goblin, Op. 107 / B. 195: Study Score (Paperback)**

Petrucchi Library Press, United States, 2013. Paperback. Book Condition: New. 238 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.The first of four late tone poems inspired by Bouquet, a

[Read PDF »](#)