Product modeling and visualization - (English)

By BEN SHE

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Pages Number: 190 Publisher: Northwestern University Press Pub. Date :2008-3-1. Computer product modelling is used to represent the ideafinal design of a product using computer graphics in a digital environment.modern computer modelling methods and techniques not only provide platforms where designers can visualise. evaluate and appreciate their designs geometrically even before they are manufactured. but they also can simulate the performance and functionality of the final manufactured product in the digital computerised environment.these techniques help the designers in not only identifying the problems and correcting them but also optimising their design with specific goals and objectives.therefore it is absolutely imperative to have a basic understanding and to know and be able to use modern tools and techniques of computer based product modelling. simulation and visualization in order to benefit from these advancements. Contents: 1 computer modelling environment & its effect on product development 1.1 product development 1.2 phases of product development 1.3 modelling 1.4 use of computer modelling in product development 1.5 concurrent product and process modelling 1.6 simulation through computer modelling2 function modelling techniques 2.1 what is function...

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