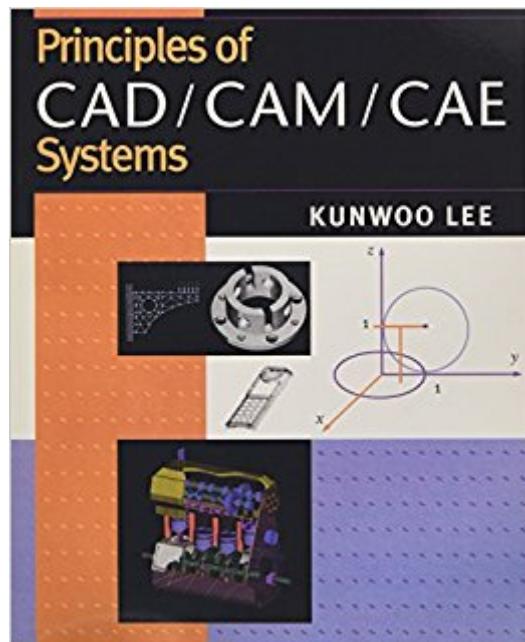The book was found

Principles Of CAD/CAM/CAE

Synopsis

The book also features a unique illustration of the whole product development process through a practical case study that gives readers a clear idea how CAD, CAM, and CAE systems are integrated to accelerate the product development process. This book is carefully targeted toward todays students; topics are introduced in a concise, efficient manner, with mathematical terminology that is kept to a minimum. A background in programming, calculus, and matrix and vector algebra is helpful when using this text.

Book Information

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Customer Reviews

An Introduction to CAD/CAM/CAE is a timely text with coverage of many modern topics, including: rapid prototyping, virtual engineering, NT-based solid modeling systems, and Web-related issues. This book provides balanced coverage of CAD/CAM (with slightly more emphasis on CAD topics) and bonus coverage of computer-aided engineering (CAE). This book's emphasis on the integration of three related disciplines-CAD, CAM, and CAE-makes it a great theoretical introduction to all subjects from geometric representation to the most sophisticated CAE subjects. Many illustrations and references ground the theory in practical examples. The book also features a unique illustration of the whole product development process through a practical case study that gives readers a clear idea how CAD, CAM, and CAE systems are integrated to accelerate the product development process. This book is carefully targeted toward today's students; topics are introduced in a concise, efficient manner, with mathematical terminology that is kept to a minimum. A background in

programming, calculus, and matrix and vector algebra is helpful when using this text.

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Personally, I thought this book was pretty good. It complimented what was covered in lecture very well. The first couple of chapters seemed a little useless and dated, but the meat of the book is really good. I remember the examples being very useful.

This book is very good

I used this text in my first CAD/CAM class (2001!) and it was already being outdated then. But it is the BEST overview of CAD/CAM/CAE I have ever read; The math and theory is there, yet without being hugely detailed on research. But, it simply is no longer updated and that is a shame.

In my view this book contains very interesting and practical topic about CAD/CAM/CAE in various area.

Interesting Contex

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