DESCRIPTION

A collection of papers from a conference held at Kings College, London. *Computer-based Design* focuses on all areas of design using computational methods and examines how all these individual tools can be integrated to produce a coherent design process. This volume also covers areas of manual design methods and modelling that are vital to the continuing development and evolution of the computer-aided design process.

TOPICS COVERED INCLUDE

- Product design and modelling
- Design process
- Decision-making models
- Computer-assisted design systems
- Computer-assisted conceptual design
- Computer-assisted detailed design
- Computer assisted design for manufacture
- Design knowledge manipulation
- Engineering change
• Engineering design issues
• Fuzzy design
• Computer-aided design
• Industrial applications of design
• Advanced design applications
• Computational fluid dynamics

*Computer-based Design* provides an excellent opportunity for an update on the latest techniques and developments from concept to advanced application in the design arena.

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**ABOUT THE AUTHOR**


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