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## Product Manufacturing and Cost Estimating Using CADcae: The Computer Aided Engineering Design Series

By Kuang-Hua Chang

Academic Press. Hardcover. Book Condition: New. Hardcover. 570 pages. Dimensions: 9.4in. x 7.6in. x 1.3in. This is the second part of a four part series that covers discussion of computer design tools throughout the design process. Through this book, the reader will. . . . understand basic design principles and all digital design paradigms. . . understand CADCAECAM tools available for various design related tasks. . . understand how to put an integrated system together to conduct All Digital Design (ADD). . . understand industrial practices in employing ADD and tools for product development. Provides a comprehensive and thorough coverage of essential elements for product manufacturing and cost estimating using the computer aided engineering paradigm Covers CADCAE in virtual manufacturing, tool path generation, rapid prototyping, and cost estimating; each chapter includes both analytical methods and computer-aided design methods, reflecting the use of modern computational tools in engineering design and practice A case study and tutorial example at the end of each chapter provides hands-on practice in implementing off-the-shelf computer design tools Provides two projects at the end of the book showing the use of ProENGINEER and SolidWorks to implement concepts discussed in the book This item...



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