

Maho Mh 600

Dieses Buch vermittelt dem Studierenden systemneutrale Kenntnisse von CAD-/CAM-Systemen, wie sie heute im Studium vermittelt werden. Im Vordergrund stehen dabei weniger Marktübersichten oder theoretische Grundlagen, als vielmehr Kenntnisse, wie sie von Führungskräften benötigt werden.

Easy to Learn Step by Step Guide

M.M.

Technica

Transformación

American Machinist

Providing a step-by-step guide for the implementation of virtual manufacturing using Creo Parametric software (formerly known as Pro-Engineer), this book creates an engaging and interactive learning experience for manufacturing engineering students. Featuring graphic illustrations of simulation processes and operations, and written in accessible English to promote user-friendliness, the book covers key topics in the field including: the engraving machining process, face milling, profile milling, surface milling, volume rough milling, expert machining, electric discharge machining (EDM), and area turning using the lathe machining process. Maximising reader insights into how to simulate material removal processes, and how to generate cutter location data and G-codes data, this valuable resource equips undergraduate, postgraduate, BTech and HND students in the fields of manufacturing engineering, computer aided design (CAD) and computer aided engineering (CAE) with transferable skills and knowledge. This book is also intended for technicians, technologists and engineers new to Creo Parametric software.

Aircraft Engineering and Aerospace Technology

Chilton's IAMI.

Handbook on Advanced Design and Manufacturing Technologies for Biomedical Devices

Industrie-Anzeiger

Engineers' Digest

The last decades have seen remarkable advances in computer-aided design, engineering and manufacturing technologies, multi-variable simulation tools, medical imaging, biomimetic design, rapid prototyping, micro and nanomanufacturing methods and information management resources, all of which provide new horizons for the Biomedical Engineering fields and the Medical Device Industry. Advanced Design and Manufacturing Technologies for Biomedical Devices covers such topics in depth, with an applied perspective and providing several case studies that help to analyze and understand the key factors of the different stages linked to the development of a novel biomedical device, from the conceptual and design steps, to the prototyping and industrialization phases. Main research challenges and future potentials are also discussed, taking into account relevant social demands and a growing market already exceeding billions of dollars. In time, advanced biomedical devices will decisively change methods and results in the medical world, dramatically improving diagnoses and therapies for all kinds of pathologies. But if these biodevices are to fulfill present expectations, today's engineers need a thorough grounding in related simulation, design and manufacturing technologies, and collaboration between experts of different areas has to be promoted, as is also analyzed within this handbook.

CAD/CAM für Ingenieure

Current Technology Index

The Foundry Trade Journal

Business America

Chartered Mechanical Engineer

Includes articles on international business opportunities.

Tooling

Machinery

The Engineers' Digest

EPA-600/9

Feinwerktechnik & Messtechnik