Concurrent Engineering Techniques and Applications: A Practitioner's Guide by David M. Anderson 2014-02-04 Design for Manufacturability: How to Use Concurrent Engineering to Rapidly Develop Low-Cost, High-Quality Products for Lean Production shows how to use concurrent engineering to design for lean production, including families of products, tooling, and processes. The book presents design guidelines for successful implementation of concurrent engineering, including the use of trade-offs, function modeling, and multidisciplinary team approaches. It demonstrates how to design for lean production by considering all aspects of product development, from conceptual design to manufacturing. The book provides practical examples and case studies to illustrate how concurrent engineering can be used to improve product development and manufacturing processes. It is an invaluable resource for engineers, managers, and decision-makers who are involved in product development and manufacturing.