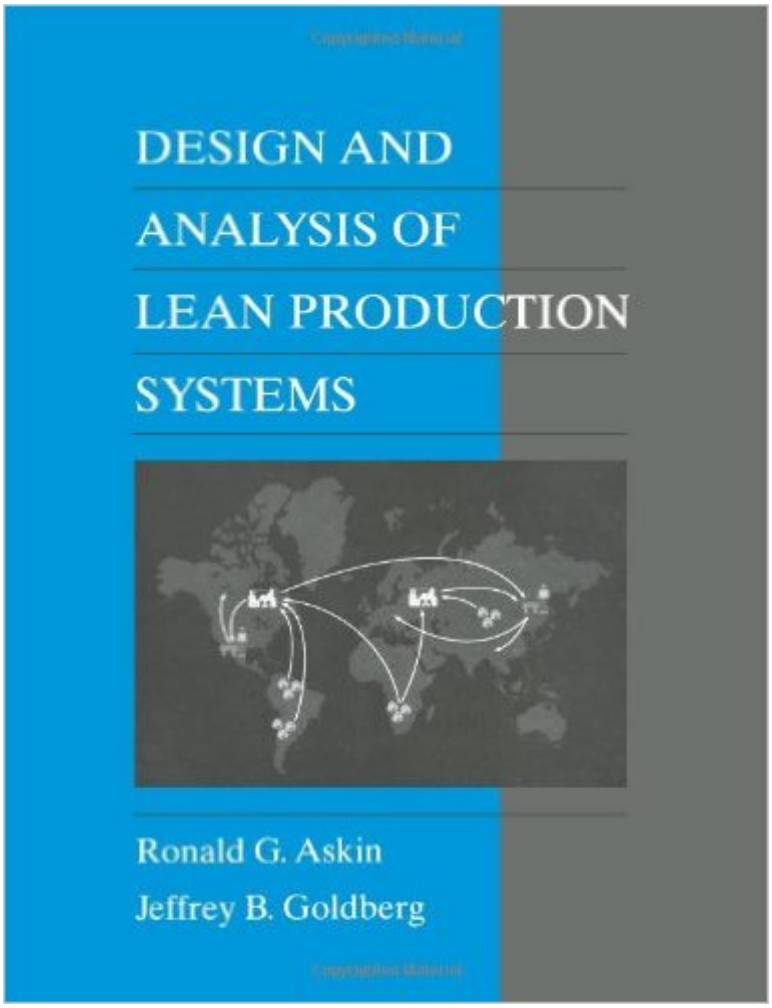
Design And Analysis Of Lean Production Systems



Synopsis

This book covers the design and improvement of single and multistage production systems. Following the standard production planning and scheduling decision hierarchy, it describes the inputs and outputs at each level of the decision hierarchy and one or more decision approaches. The assumptions leading to each approach are included along with the details of the model and the corresponding solution. Modern system concepts and the engineering methods for creating lean production systems are included.

Book Information

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Customer Reviews

This book contains a lot of formulas and its origin. Many examples are used to explain the formula in detail. Besides that, there are many study cases in the end of every chapter. This explanation on the formula, its origin, examples and study cases is the streght of this book.The weakness of this book is that it discusses a broad topics, From inventory to forecast, from supply chain to Just In time.This broad topic makes this book has no focus at all.Furthermore, this book doesn't define the definition of "Lean Production Systems" well. After I read this book, the question of 'What is a Lean Production Systems' is still not clear.The other weakness is that this book emphasises on the material flow very much. Shortly this book is rather logistic management (in internal company) than manufacturing / process management.

Easily the worst textbook I've purchased during all my years at university. There's mistakes all over

and the problems at the end of the chapters are vague and poorly worded. There's a reason it's not received a second edition!

This book is very good, Askin defines very well what Lean Production Systems are (page 352 and on), don't believe the above reviews, they didn't read the book in detail. Of course the book has a broad range of things, because is oriented for Industrial Engineers. This book has all that other books in operations research or books in production and operations don't have. The scheduling chapter is impressive, and there's a lot more. God for students, professors but great for professionals.

Great book with in-depth knowledge of production systems and how to lean them out. Lots of equations related to production and inventory management. The assumption is that reader himself has a good foundation/experience in production systems before starting this book. It is not one of those simple lean books. It is real stuff, hard-core and is used as text-book in MBA/Ops Mgmnt programs.It explains in detail, the link between production and accounting systems, strategic planning and marketing, forecasting demand, quantify its impact on supply-chain, MRPs, kanban, and advanced models for sequencing and shop-floor planning.Recommended for professionals in production/operations management.

with Lean Production Speed Lean Six Sigma: The Ultimate Guide To Lean Six Sigma With Tools For Improving Quality And Speed! (Lean, Six Sigma, Quality Control) Lean Six Sigma: Value Stream Mapping: Simplified Beginner's Guide to Eliminating Waste and Adding Value with Lean (Lean, Six Sigma, Quick Start Beginner's Guide, Quality Control) Decision Systems for Inventory Management and Production Planning (Wiley Series in Production/Operations Management) Design for Manufacturability: How to Use Concurrent Engineering to Rapidly Develop Low-Cost, High-Quality Products for Lean Production The Lean Design Guidebook: Everything Your Product Development Team Needs to Slash Manufacturing Cost (The Lean Guidebook Series) Surface Production Operations: Design of Gas-Handling Systems and Facilities Television Production Handbook (Wadsworth Series in Broadcast and Production) The Production Manager's Toolkit: Successful Production Management in Theatre and Performing Arts (The Focal Press Toolkit Series)