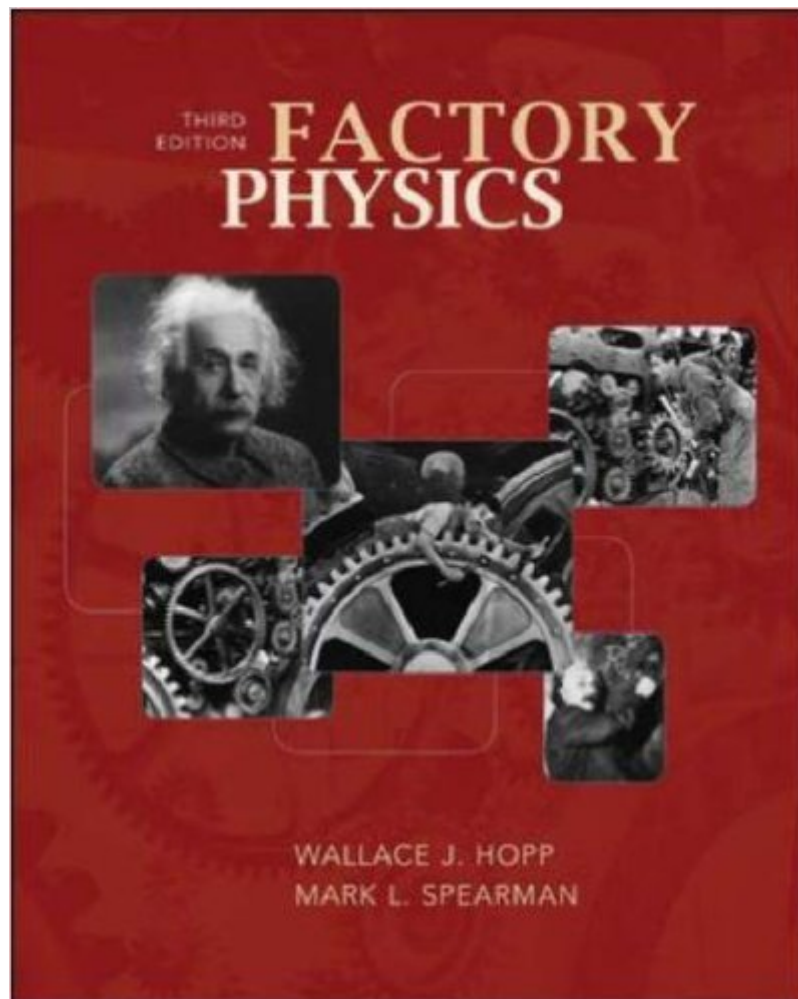


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Factory Physics (McGraw-Hill/Irwin Series Operations And Decision Sciences)



Synopsis

After a brief introductory chapter, *Factory Physics 3/e* is divided into three parts: I – “The Lessons of History”; II – “Factory Physics”; and III – “Principles in Practice.” The scientific approach to manufacturing and supply chain management, developed in Part II, is unique to this text. No other text or professional book provides a rigorous, principles-based foundation for manufacturing management. The Third Edition offers tighter connections between Lean Manufacturing, MRP/ERP, Six Sigma, Supply Chain Management, and Factory Physics. In addition to enhancing the historical overview of how these systems evolved, the authors show explicitly how users can achieve Lean Manufacturing objectives (faster response, less inventory) using the integration aspects of MRP/ERP/SCM systems along with the variance analysis methods of Six Sigma. *Factory Physics* provides the overarching framework that coordinates all of these initiatives into a single-focused strategy.

Book Information

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Customer Reviews

When it comes to textbooks, they all tend to get a little technical here and there. With this book there is not an exception, however, the technical is kept to a minimum and is still fairly easy to approach. The remainder material is well presented and is interesting to read.

I have not applied the total concepts from this excellent book. I just have used the elemental ones

and I obtained great results in Inventory reductions. If you really want to improve your business it is a good idea to start at the beginning... start with the basics with Factory Physics. You do not need to learn sophisticated techniques or expensive tools, you just need to take the original tools and develop them in order to improve your processes. This is the essential matter of this book.

this book deals with Lean and Theory Of Constraints to explain the advantages and disadvantages. Its a very difficult read as it contains lots of formulas and physics! but worth it if you are considering a career in industrial engineering. very nominal rental price and the book arrived fast.

Well written book. A 'must read ' for all involved with managing g complex factory systems. Folks should at least hold the book to feel it's weight, and scan the 27 principles summarized on the inside covers.

Very good and helpful book to have as reference and guidance.No easy and superfast to read, though; one can get stuck into pages when starting to think applying things to the real life.But it tells a story if one gets lost in thought with this book, doesn't it?

This is a must read for all Manufacturing Professional in order to create a manufacturing environment that is based on science, rather than based on feeling, experience or brute force alone.

very comprehensive study of the science of manufacturing. i also enjoyed spearmans book with bell called factory physics for managers, case studies highlighted the applied math.

I've been using it for my class.

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