



An Integrated Approach in Production Planning and Scheduling

By Dauzere-Peres, Stephane / Lasserre, Jean B.

Book Condition: New. Publisher/Verlag: Springer, Berlin | This book presents an integrated model for production planning and scheduling as well as a lot-streaming procedure for job-shop scheduling. Of particular interest is the consistency of the decisions taken at the planning and scheduling levels as well as the simple iterative method of resolution. The lot-streaming procedure is also simple and yields dramatic savings. Numerous numerical experiments are presented as well as illustrative figures and tables. The main benefit for the reader is a first attempt to derive an integrated and consistent model for planning and scheduling. The lot-streaming procedure is also new. | Production Management is a large field concerned with all the aspects related to production, from the very bottom decisions at the machine level, to the top-level strategic decisions. In this book, we are concerned with production planning and scheduling aspects. Traditional production planning methodologies are based on a now widely accepted hierarchical decomposition into several planning decision levels. The higher in the hierarchy, the more aggregate are the models and the more important are the decisions. In this book, we only consider the last two decision levels in the hierarchy, namely, the mid-term (or tactical) planning level...



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This book is definitely worth acquiring. I have gone through it and so I am certain that I will likely read through it again in the future. It has been printed in an exceptionally basic way in fact it is only after I finished reading this publication in which it actually altered me, changing the way in my opinion.

-- **Andres Bashirian**

Comprehensive guide for publication fanatics. This really is for all who state there had not been a well worth reading through. I discovered this ebook from my dad and I encouraged this book to find out.

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