Regenerative Inventory Systems: Operating Characteristics and Optimization (Paperback)

By Izzet Sahin

Springer-Verlag New York Inc., United States, 2012. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. This is a renewal-theoretic analysis of a class of single-item (s, S) inventory systems. Included, in a unified exposition, are both con- tinuous and periodic review systems under fairly general random de- mand processes. The monograph is complete in the sense that it starts from the derivation of the time dependent and stationary dis- tributions of basic stochastic processes related to these systems and concludes with the construction and testing of simple, distribution- free approximations for optimal control policies. However, it is rather incomplete as an account of single-item inventory systems in that it narrowly focuses on systems with full backlogging of unfilled demand and constant lead times, through what has come to be known as stationary analysis. The level is intermediate, and the style is informal. Some prior knowledge of probability theory and inventory control is assumed on the part of the reader. Given these, the monograph is self-contained. Extensive use is made ofrenewal-theoretic concepts and results; these are reviewed in Chapter 2. Softcover reprint of the original 1st ed. 1990.

READ ONLINE
[8.07 MB]

Reviews

Very helpful to any or all category of men and women. It is definitely simplified but unexpected situations within the 50 % of your publication. I am very easily could possibly get a pleasure of reading a composed ebook.
-- Dr. Therese Hartmann Sr.

A fresh electronic book with a new viewpoint. I was able to comprehended every thing using this written e pdf. Once you begin to read the book, it is extremely difficult to leave it before concluding.
-- Isom Nader I