

论文

PROBABILITY CRITERION IN INVENTORY SYSTEMS

LIU Baoding, GU Jifa

Institute of Systems Science, Academia Sinica, Beijing 100080, China

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摘要 In this paper, we develop a new probability criterion which is to minimize the sum of all probabilities that the inventory at the end of each stage exceeds a fixed level. It is shown that the optimal order policy is simply characterized by a certain critical number when the demand density is a Polya frequency function. Finally, a similar result is given in the case of λ periods lag in supply.

关键词 [Inventory, probability criterion, optimal](#)

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Key words [Inventory](#) [probability criterion](#) [optimal order policy](#)

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