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Abstract
Just-In-Time purchasing, the buyer and supplier integrate the purchasing, manufacturing, and delivery activities to reach synchronous logistics. JIT purchasing has been recognized the advantage for product and transportation, and through the long purchasing contract to transport the high-quality products from supplier to buyer, and shorten leading time of buyer and reduce mutual stock level at a minimum total joint cost.
This research conducted on JIT purchasing in which limited storage capacity for a single buyer and a single supplier of a product system. To reach the goal of minimum total joint cost, we develop the integrated inventory models for most suitable production goods in stock strategy, which differently transportation under the way. Numerical examples are included to illustrate.
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