

عنوان مقاله:

Modelling Integrated Multi-item Supplier Selection with Shipping Frequencies

محل انتشار:

دوفصلنامه بهینه سازی در مهندسی صنایع, دوره 8, شماره 18 (سال: 1394)

تعداد صفحات اصل مقاله: 8

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خلاصه مقاله:

There are many benefits for coordination of multiple suppliers when single supplier cannot satisfy buyer demands. In addition, buyer needsto purchase multiple items in a real supply chain. So, a model that satisfies these requests has many advantages. We extend the existingapproaches in the literature that assume all suppliers need to be put on a common replenishment cycle and each supplier delivers exactlyonce in a cycle. More specifically, inspired by approaches that perform well for the Economic Lot Scheduling Problem, we assume aninteger number of times a supplier can ship available items in an overall replenishment cycle. Because of complexity issue, a new approachbased on genetic algorithm is employed to solve the presented model. Results depict that new model is .more beneficial and practical

کلمات کلیدی:

Integrated supply chain, Multi-item, Frequent shipping, Multi-supplier, Supplier selection

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