عنوان مقاله:

A new algorithm for determine lot sizing economic order based on fuzzy logic

محل انتشار:

ششمین کنفرانس بین المللی مهندسی صنایع (سال: 1387)

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خلاصه مقاله:

Determining the economic order is the main and difficulty program in the production and planning. In this paper, we are interested in generating good approximate solutions to single item, n-period, fuzzy inventory control problems. In this model some or all of the parameters (ordering cost, holding cost, backordering cost) can be fuzzy. here, economic order is the decision variables. due to fuzzy of the holding cost, setup cost, purchase cost and backorder cost expected average total cost of the model is a fuzzy quantity and its garded mean integration value (GMIV) is optimized using new algorithm to determine optimal decision for the decision maker. A nimerical example has been considered to illustrate the model.

کلمات کلیدی:

production planning, dynamic programming, determining the economic order, fuzzy logic

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