نویسندگان:

امید تهرانیان - *Department of Industrial Engineering, Kharazmi University, Tehran, Iran.*

میرزازاده - *Department of Industrial Engineering, Kharazmi University Tehran, Iran.*

بهمن نادری - *Department of Industrial Engineering, Kharazmi University, Tehran, Iran.*

خلاصه مقاله:

This paper presents a new inventory model for deteriorating items, allowable shortages, and stochastic inflationary conditions, considering a belief-rule-base inventory control (BRB-IC) method. This is a new insight in comparison with the previous research, which considers a belief-rule-based inventory control under nonstationary demand. The Genetic Algorithm and exact methods have been considered for minimizing the objective function. The numerical example and a sensitivity analysis provided to illustrate the theoretical results.

کلمات کلیدی:

Inventory, Nonstationary Demand, Uncertainty, Evidential Reasoning, Belief Rule Base