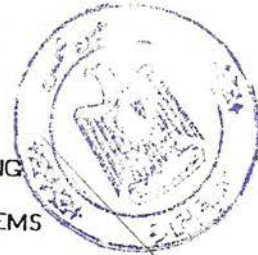


GOAL PROGRAMMING MODEL TO PLANNING
INVENTORY SYSTEMS FOR LIMITED-LIFE ITEMS



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Abstract:

In this paper, the effective measures of inventory systems for limited-life items are presented through a finite queueing system $(M/M/1):(GD/N/\infty)$. A goal programming model is constructed to determine the optimum effective measures to planning the system. In turn, decreasing the cost of expire items and the lost revenues. Finally, an applied example "exporting frish foods through airports or maritime ports" is presented.

Key words: Finite queueing systems, optimum effective measures, goal programming, inventory systems, limited-life items.

1-INTRODUCTION

... items (i.e.)