عنوان مقاله:

The use of meta-heuristic methods to solve resource-constrained project scheduling and different administrative situations and allowance to cut activities with cut costs

نویسندگان:

Abteen Asgari - *Faculty of Industrial and Mechanical Engineering, Qazvin Branch, Islamic Azad UniversityQazvin, Iran*

Behrouz Afshar Nadjafi

خلاصه مقاله:

In this research, a modeling for problem of project scheduling is presented with cut allowance and multiple administrative methods for each activity considering costs of earliness and tardiness. Genetic algorithm was used to solve this problem, and finally in order to prove algorithm's capability solving mentioned problem, the results were compared with absolute and exact results by LINGO software for small problems and evaluation indicators of algorithm for big ones, respectively. In the end, a proper algorithm with desired efficiency is presented to solve the above problem.

کلمات کلیدی:

project scheduling, multiple administrative methods, cut costs