

## عنوان مقاله:

Random Gravitation IEmulation Search Algorithm (R GES) in Schedu ling Traveling alesperson Problem

## محل انتشار:

فصلنامه بین المللی مهندسی صنایع و تحقیقات تولید, دوره 29, شماره 1 (سال: 1397)

تعداد صفحات اصل مقاله: 10

## نویسندگان:

Seyed Ahmad sheibat alhamdy - Associate Profes sor, Department Of Industrial Manage ment, Firoozk ooh Branch,  
Islamic Azad University

alireza hosseinzadeh kashani - PhD S tudent, Industrial Management, North- ehran University

## خلاصه مقاله:

this article proposes a new algorithm for finding a good filihlzfliaa approximate set of non—dominated solutions to tackle the generalized traveling salesperson problem. Random gravitational emulation search algorithm (RGES) is presented to solve the traveling salesman problem. The algorithm is based on random search concepts and uses two parameters. speed and force of gravity in physics. The proposed algorithm is compared with genetic algorithm, and .experimental results show that the proposed algorithm has better performance and less runtime to be answered

## کلمات کلیدی:

gravitational emulation search,force of gravity ,traveling salesperson problem

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/794493>

