

عنوان مقاله:

Combinatorial Algorithms for maximum-profit inverse median location problems

محل انتشار:

دهمین کنفرانس بین المللی انجمن تحقیق در عملیات ایران (سال: 1396)

تعداد صفحات اصل مقاله: 8

نویسندگان:

,Behrooz Alizadeh - Alizadeh

Esmail Afrashteh - Department of Applied Mathematics, Sahand University of Technology, Tabriz, Iran

Fahimeh Baroughi - Department of Applied Mathematics, Sahand University of Technology, Tabriz, Iran

Kien Trung Nguyen - Department of Mathematics, Cantho University, Cantho, Vietnam

خلاصه مقاله:

This paper is concerned with a new variant of the inverse median location problem in which the aim is to modify the customer weights such that a predetermined facility location becomes a median location and the total profit obtained via the weight improvements is maximized. We develop novel combinatorial approaches with linear time complexities for solving the problem on tree networks and in the plane under the rectilinear and Chebyshev norms.

کلمات کلیدی:

median location problem, combinatorial optimization, maximum-profit inverse optimization, time complexity

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/766760>

