

## Accepted Manuscript

A  $\beta$ -accurate linearization method of Euclidean distance for the facility layout problem with heterogeneous distance metrics

Yue Xie , Shenghan Zhou , Yiyong Xiao , Sadan Kulturel-Konak ,  
Abdullah Konak

PII: S0377-2217(17)30695-1  
DOI: [10.1016/j.ejor.2017.07.052](https://doi.org/10.1016/j.ejor.2017.07.052)  
Reference: EOR 14602



To appear in: *European Journal of Operational Research*

Received date: 18 November 2016  
Revised date: 22 April 2017  
Accepted date: 19 July 2017

Please cite this article as: Yue Xie , Shenghan Zhou , Yiyong Xiao , Sadan Kulturel-Konak ,  
Abdullah Konak , A  $\beta$ -accurate linearization method of Euclidean distance for the facility layout problem with heterogeneous distance metrics, *European Journal of Operational Research* (2017), doi:  
[10.1016/j.ejor.2017.07.052](https://doi.org/10.1016/j.ejor.2017.07.052)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Highlights:**

- We present a novel  $\beta$ -accurate linearization method of Euclidean distance.
- We present linear constraints for Tchebychev distance.
- We present a linear model for facility layout problem with hybrid distance metrics.
- The effects of different distance metrics are shown in computational experiments.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6895343>

Download Persian Version:

<https://daneshyari.com/article/6895343>

[Daneshyari.com](https://daneshyari.com)