

Accepted Manuscript

Optimization Problems with Flexible Objectives: A General Modeling Approach and Applications

Stefan Nickel, Sebastian Velten

PII: S0377-2217(16)30684-1
DOI: [10.1016/j.ejor.2016.08.045](https://doi.org/10.1016/j.ejor.2016.08.045)
Reference: EOR 13931



To appear in: *European Journal of Operational Research*

Received date: 7 August 2015
Revised date: 17 August 2016
Accepted date: 19 August 2016

Please cite this article as: Stefan Nickel, Sebastian Velten, Optimization Problems with Flexible Objectives: A General Modeling Approach and Applications, *European Journal of Operational Research* (2016), doi: [10.1016/j.ejor.2016.08.045](https://doi.org/10.1016/j.ejor.2016.08.045)

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 extend arbitrary Mixed Integer Linear Programs by flexible objectives.
- The extension remains a Mixed Integer Linear Program.
- To this end, we reformulate Ordered Median Functions with arbitrary weights.
- This reformulation is based on sums of elements of a vector.
- We apply the extension to location, routing and scheduling problems.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/4959951>

Download Persian Version:

<https://daneshyari.com/article/4959951>

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