

Accepted Manuscript

New Benchmark Instances for the Capacitated Vehicle Routing Problem

Eduardo Uchoa, Diego Pecin, Artur Pessoa, Marcus Poggi, Thibaut Vidal, Anand Subramanian

PII: S0377-2217(16)30627-0
DOI: [10.1016/j.ejor.2016.08.012](https://doi.org/10.1016/j.ejor.2016.08.012)
Reference: EOR 13898



To appear in: *European Journal of Operational Research*

Received date: 11 March 2016
Revised date: 3 August 2016
Accepted date: 4 August 2016

Please cite this article as: Eduardo Uchoa, Diego Pecin, Artur Pessoa, Marcus Poggi, Thibaut Vidal, Anand Subramanian, New Benchmark Instances for the Capacitated Vehicle Routing Problem, *European Journal of Operational Research* (2016), doi: [10.1016/j.ejor.2016.08.012](https://doi.org/10.1016/j.ejor.2016.08.012)

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 show the limitations of existing capacitated vehicle routing problem instances.
- We propose 100 new instances and evaluate recent exact and heuristic methods.
- The same generating scheme is used to create an extended benchmark of 600 instances.
- Extensive experiments and statistical analyses are done on the extended benchmark.
- We present a sophisticated website containing all existing and new instances.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/4960031>

Download Persian Version:

<https://daneshyari.com/article/4960031>

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