

Accepted Manuscript

Vehicle Routing with Probabilistic Capacity Constraints

Mahdi Noorizadegan, Bo Chen

PII: S0377-2217(18)30313-8
DOI: [10.1016/j.ejor.2018.04.010](https://doi.org/10.1016/j.ejor.2018.04.010)
Reference: EOR 15072



To appear in: *European Journal of Operational Research*

Received date: 10 February 2017
Revised date: 27 March 2018
Accepted date: 5 April 2018

Please cite this article as: Mahdi Noorizadegan, Bo Chen, Vehicle Routing with Probabilistic Capacity Constraints, *European Journal of Operational Research* (2018), doi: [10.1016/j.ejor.2018.04.010](https://doi.org/10.1016/j.ejor.2018.04.010)

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

- A set-partitioning model for chance-constraint vehicle routing problems is proposed.
- Some dominance rules are introduced for solving the stochastic pricing problem.
- The complexity remains tractable for several types of distribution functions.
- Some large standard instances are solved to optimality for the first time.
- Extensive experiments including simulation and sensitivity analysis are carried.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6894581>

Download Persian Version:

<https://daneshyari.com/article/6894581>

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