

Accepted Manuscript

Branch-and-cut methods for the Network Design Problem with Vulnerability Constraints

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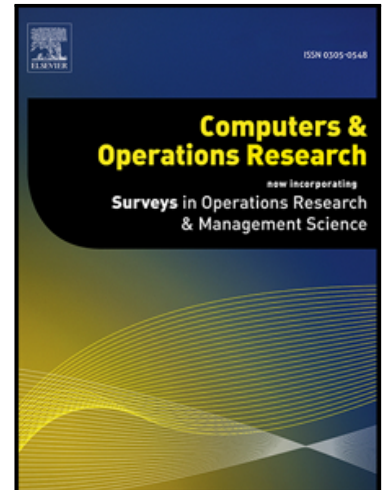
PII: S0305-0548(17)30263-0
DOI: [10.1016/j.cor.2017.10.005](https://doi.org/10.1016/j.cor.2017.10.005)
Reference: CAOR 4341

To appear in: *Computers and Operations Research*

Received date: 10 May 2017
Revised date: 18 August 2017
Accepted date: 10 October 2017

Please cite this article as: Luis Gouveia, Martim Joyce-Moniz, Markus Leitner, Branch-and-cut methods for the Network Design Problem with Vulnerability Constraints, *Computers and Operations Research* (2017), doi: [10.1016/j.cor.2017.10.005](https://doi.org/10.1016/j.cor.2017.10.005)

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Highlights

- We study the Network Design Problem with Vulnerability Constraints.
- We propose three branch-and-cut algorithms for this problem.
- These algorithms are significantly more efficient than previously proposed methods.
- We are able to solve many previously unsolved instances of the problem.

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