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

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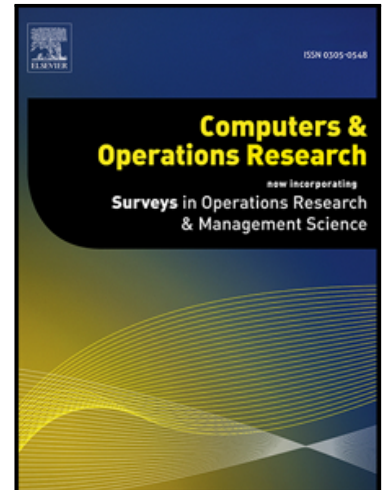
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Highlights

- 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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