

# Accepted Manuscript

The Indefinite Period Traveling Salesman Problem

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PII: S0377-2217(18)30331-X  
DOI: [10.1016/j.ejor.2018.04.028](https://doi.org/10.1016/j.ejor.2018.04.028)  
Reference: EOR 15090



To appear in: *European Journal of Operational Research*

Received date: 26 January 2018  
Revised date: 12 April 2018  
Accepted date: 13 April 2018

Please cite this article as: Lei Sun, Mark H. Karwan, Moustapha Diaby, The Indefinite Period Traveling Salesman Problem, *European Journal of Operational Research* (2018), doi: [10.1016/j.ejor.2018.04.028](https://doi.org/10.1016/j.ejor.2018.04.028)

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**Highlights**

- A new variant of the traveling salesman problem is proposed.
- The Indefinite Period Travelling Salesman Problem is proved to be NP-hard.
- A tight boundary of the optimal objective values is derived.
- Exact and heuristic algorithms are developed.

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