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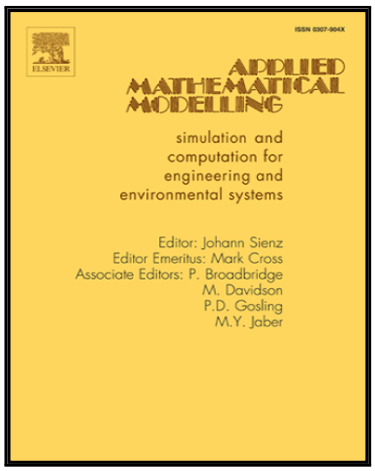

Piezoelectric energy harvesting from vibrations of a beam subjected to multi-moving loads

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PII: S0307-904X(17)30315-3
DOI: 10.1016/j.apm.2017.04.043
Reference: APM 11751

To appear in: *Applied Mathematical Modelling*

Received date: 23 June 2016
Revised date: 27 October 2016
Accepted date: 25 April 2017

Please cite this article as: Y. Amini , M. Heshmati , P. Fatehi , S.E. Habibi , Piezoelectric energy harvesting from vibrations of a beam subjected to multi-moving loads, *Applied Mathematical Modelling* (2017), doi: 10.1016/j.apm.2017.04.043

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Highlights

- PEH from vibrations of a beam subjected to multi-moving loads are investigated.
- The optimum locations of piezoelectric patch to harvesting maximum energy are found.
- The generated power is increased when the time lag between moving load is decreased.
- The amplitude of voltage signal increases with the decrease of a time lag.
- The dynamic displacement of beam center increases with the decrease of a time lag.

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