

Accepted Manuscript

Design and Analysis of a Collocated Periodic Vibration
Absorber-Harvester

Shyh-Chin Huang , Le-Hiep Nguyen , Jin-Wei Liang ,
Yi-Mei Huang

PII: S0020-7403(18)31826-5
DOI: <https://doi.org/10.1016/j.ijmecsci.2018.09.009>
Reference: MS 4508



To appear in: *International Journal of Mechanical Sciences*

Received date: 7 June 2018
Revised date: 5 September 2018
Accepted date: 6 September 2018

Please cite this article as: Shyh-Chin Huang , Le-Hiep Nguyen , Jin-Wei Liang , Yi-Mei Huang , Design and Analysis of a Collocated Periodic Vibration Absorber-Harvester, *International Journal of Mechanical Sciences* (2018), doi: <https://doi.org/10.1016/j.ijmecsci.2018.09.009>

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 collocated periodic vibration absorber-harvester is designed.
- Experimental results verify the theory and numerical calculations.
- Mutual influence of absorption ability and harvesting capability are recognized.
- A design criterion of load resistance for collocated absorber-harvester is located.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/10133889>

Download Persian Version:

<https://daneshyari.com/article/10133889>

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