

## Accepted Manuscript

Title: A new piezoelectric-patched cantilever beam with a step section for high performance of energy harvesting

Authors: R Usharani, G Uma, M Umapathy, Seung-Bok Choi

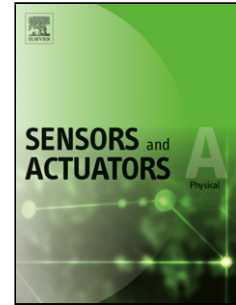
PII: S0924-4247(17)30393-X  
DOI: <http://dx.doi.org/10.1016/j.sna.2017.08.031>  
Reference: SNA 10285

To appear in: *Sensors and Actuators A*

Received date: 7-3-2017  
Revised date: 15-7-2017  
Accepted date: 15-8-2017

Please cite this article as: R Usharani, G Uma, M Umapathy, Seung-Bok Choi, A new piezoelectric-patched cantilever beam with a step section for high performance of energy harvesting, *Sensors and Actuators: A Physical* <http://dx.doi.org/10.1016/j.sna.2017.08.031>

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.



Revised version of SNA-2017-330

# **A new piezoelectric-patched cantilever beam with a step section for high performance of energy harvesting**

**R Usharani<sup>1</sup> , G Uma<sup>2</sup>, M Umapathy<sup>2\*</sup> and Seung-Bok Choi<sup>3\*</sup>**

<sup>1</sup> Department of Instrumentation and Control Engineering  
Seshasayee Institute of Technology, Tiruchirappalli

<sup>2</sup> Department of Instrumentation and Control Engineering  
National Institute of Technology, Tiruchirappalli, India.

<sup>3</sup> Department of Mechanical Engineering, Inha University, Incheon, Korea

E-mail: ushar.69@gmail.com, guma@nitt.edu, umapathy@nitt.edu, seungbok@inha.ac.kr

\*Corresponding authors: M Umapathy (umapathy@nitt.edu) and Seung-Bok Choi (seungbok@inha.ac.kr)

Download English Version:

<https://daneshyari.com/en/article/5008204>

Download Persian Version:

<https://daneshyari.com/article/5008204>

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