

Accepted Manuscript

Bending of sinusoidal functionally graded piezoelectric plate under an in-plane magnetic field

Y.S. Li , J.H. Ren , W.J. Feng

PII: S0307-904X(17)30154-3
DOI: [10.1016/j.apm.2017.03.005](https://doi.org/10.1016/j.apm.2017.03.005)
Reference: APM 11646



To appear in: *Applied Mathematical Modelling*

Received date: 30 August 2015
Revised date: 21 February 2017
Accepted date: 2 March 2017

Please cite this article as: Y.S. Li , J.H. Ren , W.J. Feng , Bending of sinusoidal functionally graded piezoelectric plate under an in-plane magnetic field, *Applied Mathematical Modelling* (2017), doi: [10.1016/j.apm.2017.03.005](https://doi.org/10.1016/j.apm.2017.03.005)

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

- The bending of a functionally graded piezoelectric plate is investigated.
- The extended sinusoidal plate theory for piezoelectric plate is adopted.
- The Lorentz magnetic force obtained from the Maxwell's equations is considered.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/5470970>

Download Persian Version:

<https://daneshyari.com/article/5470970>

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