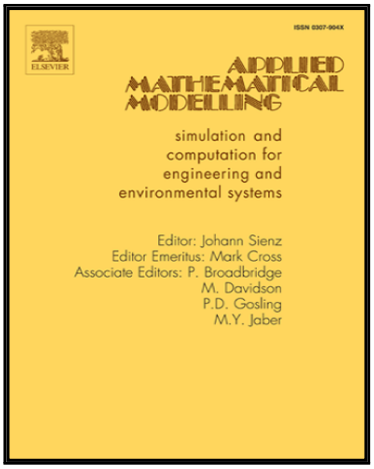
Accepted Manuscript



Analysis of a rotating FGMEE circular disk with variable thickness under thermal environment

Ting Dai , Hong-Liang Dai

PII: S0307-904X(17)30011-2
DOI: 10.1016/j.apm.2017.01.007
Reference: APM 11503

To appear in: *Applied Mathematical Modelling*

Received date: 5 April 2016
Revised date: 23 October 2016
Accepted date: 4 January 2017

Please cite this article as: Ting Dai , Hong-Liang Dai , Analysis of a rotating FGMEE circular disk with variable thickness under thermal environment, *Applied Mathematical Modelling* (2017), doi: 10.1016/j.apm.2017.01.007

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.

ACCEPTED MANUSCRIPT

Highlights

- The FGMEE disk has gentler TMEE field with negative material property index.
- PE/PM ratio mainly affects the electric and magnetic potential distributions.
- The TMEE field is smoother when the inner-outer thickness ratio overs 1.

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/5471230

Download Persian Version:

https://daneshyari.com/article/5471230

Daneshyari.com