Accepted Manuscript

Analysis on plane waves through magneto-thermoelastic microstretch rotating medium with temperature dependent elastic properties

Mohamed I.A. Othman, A. Khan, R. Jahangir, A. Jahangir

 PII:
 S0307-904X(18)30434-7

 DOI:
 https://doi.org/10.1016/j.apm.2018.08.032

 Reference:
 APM 12446

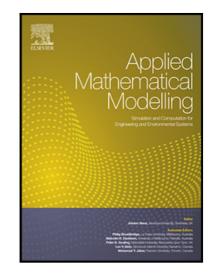
To appear in:

Applied Mathematical Modelling

Received date:8 January 2018Revised date:19 July 2018Accepted date:23 August 2018

Please cite this article as: Mohamed I.A. Othman, A. Khan, R. Jahangir, A. Jahangir, Analysis on plane waves through magneto-thermoelastic microstretch rotating medium with temperature dependent elastic properties, *Applied Mathematical Modelling* (2018), doi: https://doi.org/10.1016/j.apm.2018.08.032

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

- 1. The interaction between magnetic field, gravity and initially stress studied.
- 2. The thermoelastic microstretch problem in 2-D was solved.
- 3. The equations are solved by using the eigen function expansion method.
- 4. The results with some comparisons are shown graphically.

Download English Version:

https://daneshyari.com/en/article/11032127

Download Persian Version:

https://daneshyari.com/article/11032127

Daneshyari.com