

Accepted Manuscript

Reflection at the free surface of fiber-reinforced thermoelastic rotating medium with two-temperature and phase-lag

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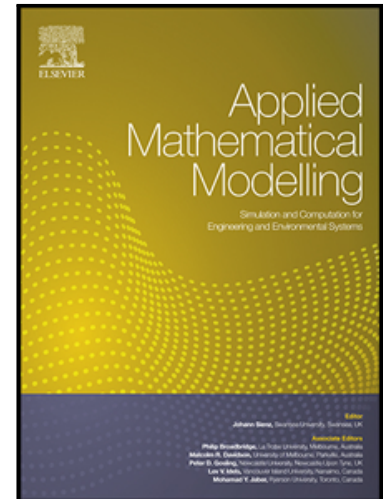
PII: S0307-904X(18)30393-7
DOI: <https://doi.org/10.1016/j.apm.2018.08.004>
Reference: APM 12418

To appear in: *Applied Mathematical Modelling*

Received date: 28 October 2017
Revised date: 14 July 2018
Accepted date: 13 August 2018

Please cite this article as: Sunita Deswal, Suresh Kumar Sheokand, Kapil Kumar Kalkal, Reflection at the free surface of fiber-reinforced thermoelastic rotating medium with two-temperature and phase-lag, *Applied Mathematical Modelling* (2018), doi: <https://doi.org/10.1016/j.apm.2018.08.004>

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Highlights

- Wave propagation in a fiber-reinforced thermoelastic rotating medium is considered.
- Two-temperature dual-phase-lag theory has been employed for addressing the mathematical analysis.
- Effects of different parameters on reflection coefficients have been depicted graphically.
- Reflection coefficients and energy ratios for reflected quasi waves are presented in closed form.
- It is proved that at each angle of incidence the energy balance law is satisfied at the free surface.

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