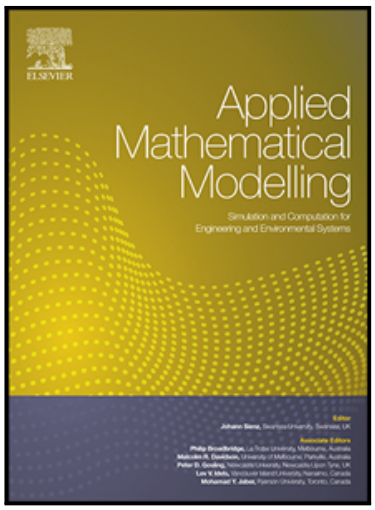

Reflection at the free surface of fiber-reinforced thermoelastic rotating medium with two-temperature and phase-lag

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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.