Continuum Mech. Thermodyn. (2021) 33:289
https://doi.org/10.1007/s00161-020-00942-9

CORRECTION

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# Correction to: A two-temperature generalized magneto-thermoelastic formulation for a rotating medium with thermal shock under hydrostatic initial stress

Received: 12 October 2020 / Accepted: 14 October 2020 / Published online: 3 November 2020


**Correction To: Continuum Mech. Thermodyn. (2020) 32:883–900**
**https://doi.org/10.1007/s00161-019-00765-3**

Unfortunately, the original version of the article contained error in the below equation terms. The correct equation terms should read as below

In Eq. (12), the term $-\gamma T_0 \frac{\partial T}{\partial x}$ must be substituted with $-\gamma \frac{\partial \theta}{\partial x}$

In Eq. (13), the term $-\gamma T_0 \frac{\partial T}{\partial y}$ must be substituted with $-\gamma \frac{\partial \theta}{\partial y}$

In Eq. (17), the term $-\frac{\gamma}{\rho C_0^2} \frac{\partial \theta}{\partial x}$ must be substituted with $-\frac{\gamma T_0}{\rho C_0^2} \frac{\partial \theta}{\partial x}$

In Eq. (18), the term $-\frac{\gamma}{\rho C_0^2} \frac{\partial \theta}{\partial y}$ must be substituted with $-\frac{\gamma T_0}{\rho C_0^2} \frac{\partial \theta}{\partial y}$

The right form of Eq. (A.5) is $h' = \frac{\mu_e H_0}{2\mu+\lambda} h$

In Tab. 1, the right dimensions of $\eta$ are $s\, m^{-2}$ and the right dimensions of $\rho$ are $kg\, m^{-3}$



The original article can be found online at https://doi.org/10.1007/s00161-019-00765-3.

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