Acta Mech 231, 2087 (2020)
https://doi.org/10.1007/s00707-020-02644-4

LETTER TO THE EDITOR

Mridula Kanoria

Authors' response on *ACME-D-19-01018*

Received: 4 February 2020 / Revised: 5 February 2020 / Published online: 6 April 2020

Response to the comment on the paper "Transient response in a thermoelastic half-space solid due to a laser pulse under three theories with memory-dependent derivative, S. Mondal, P. Pal, M. Kanoria, Acta Mech 230, 179–199 (2019)" by A. Pantokratoras.

The authors would like to thank the reviewer for his critical analysis for the above-mentioned paper. Our comments are as follows:

1. The dimension of Q is $\frac{\mathrm{m}^2}{\mathrm{s}^3}$ and the dimension of $\dot{Q}$, i.e., $\frac{\partial Q}{\partial t}$, is $\frac{\mathrm{m}^2}{\mathrm{s}^4}$.
2. The term ϵ_2 should be corrected as $\frac{\rho\gamma\kappa^3 R_a L_0 \exp\left(-\frac{h}{2\delta}\right)}{K c_0^2(\lambda+2\mu)\delta t_p^2}$.

M. Kanoria (✉)
University of Calcutta, Kolkata, West Bengal, India
E-mail: k_mri@yahoo.com

M. Kanoria
Sister Nivedita University, Newtown, India