

ERRATUM | DECEMBER 18 2019

Erratum: "Near-infrared measurement of water temperature near a 1-mm-diameter magnetic sphere and its heat generation rate under induction heating" [J. Appl. Phys. 122, 044901 (2017)] **FREE**

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In Sec. II A of the above published paper,¹ we showed $\alpha = 4.1 \times 10^{-3} \text{ K}^{-1} \text{ mm}^{-1}$ and $\alpha_f = 4.0 \times 10^{-3} \text{ K}^{-1} \text{ mm}^{-1}$. However, these values were incorrect. We mistakenly put the values used for the wavelength of 1412 nm. The correct values for 1150 nm in this paper are $2.9 \times 10^{-4} \text{ K}^{-1} \text{ mm}^{-1}$ and $2.8 \times 10^{-4} \text{ K}^{-1} \text{ mm}^{-1}$, respectively. These corrections do not affect the results because the correct values were used in the calculation.

REFERENCES

¹N. Kakuta, K. Nishijima, K. Kondo, and Y. Yamada, J. Appl. Phys. 122, 044901 (2017).

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