CORRIGENDUM

Particle radial distribution function and relative velocity measurement in turbulence at small particle-pair separations – CORRIGENDUM

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In §6.3, p. A16-13, the inward RV at contact used to calculate the collision kernel was erroneously reported as $\langle w_r | r = 2a \rangle^- = 1.2$ m s^{-1} due to a typo in the MATLAB code for this calculation. The correct value is $\langle w_r | r = 2a \rangle^- = 0.16$ m s^{-1}. Correspondingly, the correct value for the collision kernel at $St \approx 0.75$, $a \approx 14$ μm, $Re_\lambda = 324$ from the experiment is $\hat{k}(2a) = 3.8 \times 10^4$ instead of 2.9×10^5 originally reported. This correction does not impact any of the conclusions of the paper. Note that past direct numerical simulation results are $\hat{k}(2a) = 0.1{-}10$ for $St \approx 0.1{-}1.0$ and $Re_\lambda = 88{-}597$ (see page A16-14).

REFERENCE

HAMMOND, A. & MENG, H. 2021 Particle radial distribution function and relative velocity measurement in turbulence at small particle-pair separations. *J. Fluid Mech.* **921**, A16.