

## 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  $\langle w_r | r = 2a \rangle^- = 1.2 \text{ m s}^{-1}$  due to a typo in the MATLAB code for this calculation. The correct value is  $\langle w_r | r = 2a \rangle^- = 0.16 \text{ m s}^{-1}$ . Correspondingly, the correct value for the collision kernel at  $St \approx 0.75$ ,  $a \approx 14 \text{ }\mu\text{m}$ ,  $Re_\lambda = 324$  from the experiment is  $\hat{k}(2a) = 3.8 \times 10^4$  instead of  $2.9 \times 10^5$  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.