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The Behavior of an Oscillating Particle Attached to a Gas−Liquid Surface. Paul Stevenson,* Seher Ata, and Geoffrey M. Evans

Page 8025. A typographical error has led to the publication of an incorrect expression for the hydrostatic force due to meniscus depression (eq 8). A factor of $\pi r_p \sin \alpha$ was inadvertently omitted. The corrected expression is the following:

$$F_h = 2\pi r_p^2 \sin \alpha \rho_f g L \sin\left(\frac{\theta - \alpha}{2}\right)\left(1 + \frac{L}{r_p \sin \alpha}\right)^{-1/2}$$

The conclusion that, for an oscillating particle attached to a gas−liquid interface, the hydrostatic force due to meniscus depression is insignificant compared to the capillary, Basset history, drag, and d'Alembert forces remains unchanged.

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