

## Can Water Float on Oil?

Chi M. Phan,\* Benjamin Allen, Luke B. Peter, Thu N. Le, and Moses O. Tade

201228104609461310.1021/la204820a

Equations 3–5 in the original paper were wrongly written because of changes in notation during manuscript preparation. These mistakes do not affect the modeling results. The equations are corrected as follows:

$$\gamma_{\text{wa}} \cos \theta_1 + \gamma_{\text{ow}} \cos \theta_2 - \gamma_{\text{oa}} \cos \theta_3 = 0 \quad (3)$$

$$\theta_1 + \theta_2 = \pi - \arccos \left[ \frac{\gamma_{\text{wa}}^2 + \gamma_{\text{ow}}^2 - \gamma_{\text{oa}}^2}{2\gamma_{\text{wa}}\gamma_{\text{ow}}} \right] \quad (4)$$

$$\theta_1 + \theta_3 = \arccos \left[ \frac{\gamma_{\text{oa}}^2 + \gamma_{\text{wa}}^2 - \gamma_{\text{ow}}^2}{2\gamma_{\text{oa}}\gamma_{\text{wa}}} \right] \quad (5)$$