ERRATA

Droplet profiles under the influence of van der Waals forces

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Please note that the original paper there were some errors [1] (see also [2]):
p370 1-6 should read

$$\mu\xi_t - \tfrac{1}{3}[\xi^3(G''(\xi) + P''(\xi))\xi_x]_x + \tfrac{\gamma}{3}(\xi^3\xi_{xxx})_x = 0 \qquad (1.9)$$

p371 13 'disjoining pressures of the form' should replace 'potentials of the form'
p373 122 'repulsive disjoining pressure' should replace 'attactive disjoining pressure'
p375 120 '$\alpha \geqslant 1$' should replace '$\alpha > 1$'
p379 The sentence beginning 'Notice also …' on 116 should be removed, and the phrase 'and (2.13) then follows' should be appended to the sentence beginning on 126 with the words 'From (2.20) …'
p379 1 21 '$\hat{\mathbf{J}}$' should replace 'J'
p381 1-7 'for which (2.13) is satisfied and' should replace 'for which'
p381 1-3

$$\phi(A) = \int_A^{B*(A)} \frac{\left|\frac{f(A)}{A}u - f(u)\right|u\,du}{\sqrt{1 - \left(\frac{f(A)}{A}u - f(u)\right)^2}} \quad \text{should} \quad \text{replace} \quad \phi(A) = \int_A^{B*(A)} \frac{\left|\frac{f(A)}{A}u - f(u)\right|u\,du}{\sqrt{1 - \left(\frac{f(A)}{A}u - f(u)\right)}}$$

p384 1-5 'From (2.5), (2.13), (2.20), and (2.24)' should replace 'From (2.5) and (2.24)'
p385 117 should read

$$\tilde{\beta} = \arccos(-b) - k(1 - \bar{b}^2)^{1/2}\xi_0^2 \quad \text{for some } b - k\xi_0^2 < \bar{b} < b.$$

p388 111 '$c(= \frac{\hat{A}}{\gamma^{\delta_\alpha}} \leqslant \frac{\hat{A}}{\gamma}[\frac{\rho g}{2(\gamma - S)}]^{\alpha/2})$' should replace '$c(= \frac{\hat{A}}{\gamma^{\delta_\alpha}} \leqslant \frac{\hat{A}}{\gamma}[\frac{2(\gamma - S)}{\rho g}]^{\alpha/2})$'
p388 118 'based on Corollary 11' should replace 'based on part ii) of Corollary 11'
p390 17 '(3.18) and (3.19)' should replace '(3.19) and (3.19)'.

References

[1] MINKOV, E. & NOVICK-COHEN, A. (2001) Droplet profiles under the influence of van der Waals forces. *Euro. J. Appl. Math.* **12**, 367–393.
[2] R. FINN. Mathematical Reviews MR1936203(2003k:76054).