

Erratum: Hard-Hexagon Model: Anisotropy of Correlation Length and Interfacial Tension¹

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The following corrections should be made in the above paper.

1. In the rhs of (2.7) two tildes were missing:

$$\langle \sigma_{00} \sigma_{lm} \rangle - \langle \sigma_{00} \rangle \langle \sigma_{lm} \rangle = \sum_{p \neq 1} \tilde{S}_0(1, p) \tilde{S}_m(p, 1) \left[\frac{V(p)}{V(1)} \right]^l$$

2. A right square bracket in the third line of (2.34a) should be moved to the fourth line:

$$\begin{aligned} & \langle \sigma_{00} \sigma_{lm} \rangle - \langle \sigma_{00} \rangle \langle \sigma_{lm} \rangle \\ & \sim \alpha \exp\left(-\frac{r}{\xi}\right) \cos\left\{\frac{2\pi}{3}(l+m)\right\} \\ & \quad + r \left[-4\sqrt{3} \cos \theta_{||} \cos\left(\theta_{||} + \frac{\pi}{3}\right) \cos\left(\theta_{||} - \frac{\pi}{3}\right) \exp\left(-\frac{10}{6}\varepsilon\right) \right. \\ & \quad \left. + O\left[\exp\left(-\frac{20}{6}\varepsilon\right)\right] \right] + \delta \end{aligned}$$

3. The equation number (2.32b) in line 5 from the bottom of p. 1364 should be replaced by (2.34b).

4. A boldface **R** in the lhs of (3.31a) should be replaced by R :

$$\lambda R(\mathbf{r}) = \min_{\mathbf{n}} \frac{\sigma(\mathbf{n})}{(\mathbf{r} \cdot \mathbf{n})}$$

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5. In the lhs of the inequality in (3.34a) θ_{\perp} should be removed:

$$a_s(\theta_{\perp}) \sim \frac{\sin(\theta_{\perp} - \pi/3)}{\sin(\theta_{\perp} + \pi/3)} \quad \text{for} \quad -\frac{\pi}{3} < \theta_{\perp} < \frac{\pi}{3}$$

6. In the rhs of (3.42) a factor 2 was missing:

$$\frac{\rho}{R} = \frac{[2/(3\sqrt{3})][f^4(x, x^3)/f^4(-x, x^3)]}{-(2/\sqrt{3}) \ln[x^{1/3}f(-1, x^3)/f(-x, x^3)]}$$