Erratum: Average partition function of an electron in random binary alloy

Chih-Yuan Lu

Two of the equations on p. 619 contain misprints. In the middle of the page the first inequality for $z(\beta)$ should be

$$z(\beta) \geq \frac{1}{N} \sum_{P, Q} \prod_{i} \left( (p_{A} e^{-\beta \epsilon_{A}})^{|z(I-Q)|^2} + p_{B} e^{-\beta \epsilon_{B}} \right) \exp \left[ -\beta \sum_{l} e^{\epsilon(I-I')} \chi(l' - Q) \chi(l - Q) \right].$$

The bracketing in Eq. (5) should appear as follows:

$$z(\beta) \geq \sum_{P} \exp \left[ \sum_{l} \left[ \ln \left( p_{A} e^{-\beta \epsilon_{A} x^{2(l)}} + p_{B} e^{-\beta \epsilon_{B} x^{2(l)}} \right) - \beta \alpha \cos(Pa) \right] \right].$$

Erratum: Dynamics as a treatment of the Almeida-Thouless instability

John A. Hertz, Anil Khurana, and M. Puoskari

On the left-hand side of Eqs. (12), (13), (15), (16), (18), (19), (22), (23), and on the line following Eq. (14), $\kappa$ should read $\chi$. 