

Erratum: A mean-field theory of grain boundary segregation [J. Chem. Phys. 9 5, 4427 (1991)]

W. L. Alba and K. B. Whaley

Citation: [The Journal of Chemical Physics](#) **96**, 9245 (1992); doi: 10.1063/1.462913

View online: <http://dx.doi.org/10.1063/1.462913>

View Table of Contents: <http://scitation.aip.org/content/aip/journal/jcp/96/12?ver=pdfcov>

Published by the [AIP Publishing](#)

Articles you may be interested in

Erratum: "Mean-field theory of the phase diagram of ultrasoft, oppositely charged polyions in solution" [J. Chem. Phys. **137**, 094905 (2012)]

J. Chem. Phys. **138**, 109901 (2013); 10.1063/1.4795084

Erratum: Chemical softness and impurity segregation at grain boundaries [J. Chem. Phys. **9** 8, 1606 (1993)]

J. Chem. Phys. **98**, 10106 (1993); 10.1063/1.465121

Erratum: Relaxation and dynamics of coupled spin systems subjected to continuous radio frequency fields [J. Chem. Phys. **9** 5, 3092 (1991)]

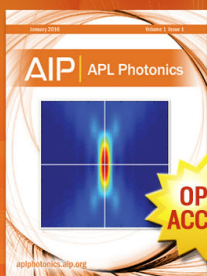
J. Chem. Phys. **97**, 4575 (1992); 10.1063/1.463996

Erratum: Stiff chain model-functional integral approach [J. Chem. Phys. **9** 5, 1266 (1991)]

J. Chem. Phys. **96**, 3362 (1992); 10.1063/1.462901

[A mean-field theory of grain boundary segregation](#)

J. Chem. Phys. **95**, 4427 (1991); 10.1063/1.461766



Launching in 2016!
The future of applied photonics research is here

AIP | APL
Photonics

Erratum: A mean-field theory of grain boundary segregation [J. Chem. Phys. 95, 4427 (1991)]

W. L. Alba and K. B. Whaley
University of California, Berkeley, California 94720

The sign of the second term in expression (19) is reversed. That expression should correctly read

$$-H - d_0 \bar{A} + \frac{q}{2\pi} \int_0^{2\pi/q} kT \tanh^{-1}(A \sin(qn) + \bar{A}) dn.$$

The values for ΔH_n in Fig. 6 are shifted by a constant. The correct values are higher by the additive factor $2H_{\text{bulk}} = 6.148$ eV.

Neither of these corrections affects in any way our results or conclusions.