

Errata - 20th May 2005

I resume here corrections and updates to the printed version (thesis book). Abbreviation *p.* refers to page, *l.* to line. For the latest version always refer to:

<http://www.science.uva.nl/~moroni/thesis.html>

Page ii

- Article *Interplay between structure and size in a critical crystal nucleus* has been accepted for publication in Phys. Rev. Lett.
- Article *Reorientation dynamics in thin glassy films* has been published in J. Phys.: Condens. Matter **17**, 2825 (2005)

List of Symbols

- on p. ix, symbol U_{dw} is defined twice

Chapter 1

- p.6, l.1 after Eq.(1.7b): the final) bracket should not be there
- p.6, Eq.(1.9): the final) bracket should not be there
- p.20, l.1 after Eq.(1.61): where $h'_B(\lambda) = \partial h_B / \partial \lambda$
- p.23, Eq.(1.68): the integral is constrained on $\lambda(r) = \lambda^*$

Chapter 4

- p.99, l.5 after Eq.(4.30): $4.30 \rightarrow (4.30)$

Chapter 6

- p.118, l.1 after Eq.(6.24): n should be N_W

Chapter 7

- p.138, l.6 of sec. 7.4.2: fcc values

Appendix G

- p.178, l.4 from bottom: $\mu_\alpha^* = \mu_\beta^*$

Appendix J

- p.193, l.3: $p_{AA} = p_{BB} \simeq 0.5$

Bibliography

- Ref. [10] has been published:

W. E and E. Vanden-Eijnden, in *Multiscale Modelling and Simulation*, Vol. 39 of *Lecture Notes in Computational Science and Engineering*, edited by S. Attinger and P. Koumoutsakos (Springer-Verlag, Berlin, 2004), p. 35.

To my friends

- p.212, l.25: experimentar pronto tu técnica Alexander
- p.212, l.26-27: ser yo el que te dé las gracias
- p.212, l.31: Jose → José
- p.213, l.6 from bottom: debo, entre otras cosas, la capacidad de escribir