

**Errata-Corrige** for “*Statistical Mechanics*”,  
G.Gallavotti, Springer-Verlag 1999

l. 5 in Sec. 2.4:	concave function	→	convex function
p. 122, l.1 after (4.3.12):	$1/ B_n $	→	$\frac{\rho}{\rho_n} \frac{1}{ B_n }$
p. 131, Eq. (5.1.6)	$-\sum_{i<j}$	→	$\sum_{i<j}$
p. 221, l.1 before (7.2.3)	$\langle \sigma_{\underline{O}} \sigma_{\underline{x}} \rangle$	→	$\langle \sigma_{\underline{O}} \sigma_{\underline{x}} \rangle^T \stackrel{def}{=} \langle \sigma_{\underline{O}} \sigma_{\underline{x}} \rangle - \langle \sigma_{\underline{O}} \rangle^2$
p. 221, (7.2.3)	$\langle \sigma_{\underline{O}} \sigma_{\underline{x}} \rangle$	→	$\langle \sigma_{\underline{O}} \sigma_{\underline{x}} \rangle^T$
p. 224, eq. (7.4.14):	$A^{\frac{1}{2}N}$	→	$A^N$
p. 224, l.5:	$\sigma_{j+1}^- =$	→	$\sigma_{j+1}^- =$
p. 224, l.6:	$\alpha_N^+$	→	$a_N^+$
p. 224, l.10:	on,	→	e on
p. 224, eq. (7.4.16):	$A_{-q}^- A_q^-)$	→	$A_{-q}^- A_q^- \sin q]$
p. 224, l.19, 28:	$N/4$	→	$N/2$
p. 224, l.19, 28:	$N/4$	→	$N/2$
p. 225, l.18:	$\varphi_q + 2\theta_q = 0$	→	$2\varphi_q + \theta_q = 0$
p. 226, l.1:	$A^N =$	→	$A^N \exp$
eq. (7.4.23):	$(A_q^+ A_{-q}^- + A_{-q}^- A_q^-)$	→	$(A_q^+ A_{-q}^+ + A_{-q}^- A_q^-)$
l. 9 after eq. (7.4.23):	applying $\prod_k A_{q_k}^+ A_{q_k}^-$	→	applying $\prod_k A_{q_k}^+ A_{q_k}^+$
l. 3 after Eq. (9.10.4):	[Bo97]	→	[Bo97b]
p. 233, l.10:	[Ca82]	→	[Ca82], see p.93 in [Pa82]
p. 237, Eq. (8.3.5):			delete $d^3 \underline{x}$
p. 238, Eq. (8.1.17)	$\frac{1}{2}$	→	$\frac{\rho}{2}$