"Quantum Nanoelectronics"
ERRATUM von E. L. Wolf

p. 17
Eq. (1.16) reads "= hc/2e =", should read "= h/2e ="

p. 26
Eq. (1.30) reads "= hc/2e =", should read "= h/2e ="

p. 31
Line above Eq. (1.40) reads "A) is" should read "A) is, here adopting cgs units (set c = 1 for SI units)"

p. 32
Line after Eq. (1.42) reads "where n is an integer."
should read "where n is an integer, with c entering in cgs units."

p. 58
Eq. (2.41) reads "$v_g = \partial\omega /k$" should read "$v_g = \partial\omega/\partial k$"

p. 99
Eq. (3.37) reads "… $(\nabla_1^2 + \nabla_1^2)$ …" should read "… $(\nabla_1^2 + \nabla_2^2)$ …"

p. 100
Eq. (3.43) reads "… $\varphi_a(x^2)\,\varphi_b(x_1)$ …" should read "… $\varphi_a(x_2)\,\varphi_b(x_1)$ …"

p. 139
line 10 reads "condition cos ka = cos αa" should read "condition cos ka = cos qa"

p. 147
Eq. (4.29) reads
$N_e = \int_{Ec} C(E-EC)^{1/2} \exp[-(E-E_F)/k_BT]dE = C_e \exp[-(E_g - E_F)/k_BT] \int_0^\infty x^{1/2}e^{-x}dx$
should read
$N_e = \int_{Ec} C_e(E-E_C)^{1/2}\exp[-(E-E_F)/k_BT]dE = C_e(k_BT)^{3/2}\exp[-(E_g - E_F)/k_BT] \int_0^\infty x^{1/2}e^{-x}dx$

p. 150
last line reads "interpretation see Fig. 4.9" should read "interpretation see Fig. 4.10"

p. 150
line directly after Eq. (4.33) reads "$V_B - V$ is the energy shift of the bands."
should read "$V_B - V$ is the voltage shift of the bands."

p. 291
Eq. (9.2) reads "$U(n_s , n_d) = (C_s C_d V^2 + Q^2)/C_{tot} + eV(C_{snd} + C_{dns})/C_{tot}$"
should read "$U(n_s , n_d) = (C_s C_d V^2 + Q^2)/2C_{tot} + eV(C_s n_d + C_d n_s)/C_{tot}$"

p.291 Eq. (9.5) reads "$\Delta U_{s,d} = (e^2/2C_{tot}) \mp eV C_{d,s}/C_{tot}$"
should read "$\Delta U_{s,d} = -(e^2/2C_{tot}) \mp eV C_{d,s}/C_{tot}$"
(insert minus sign)

p. 292
Eq. 9.7 reads "$\Delta I = e/C_{tot}Rt$" should read "$\Delta I = e/C_{tot}R_t$ "

p. 368
Line 7 and line 10 reads " … = Ge (W + …" should read both cases " … = – Ge (W + …"
(insert minus sign before G in each case, line 7 and line 10)