

Correction List
Introduction to Complex Analysis
 (Version 1998)

- p. 6, ↑ 8: continuous function \implies increasing continuous function
- p. 17, ↑ 5: $< 0 \implies < \epsilon$
- p. 28, in FIGURE 12: $|b| \implies |b - a|$
- p. 29, ↓ 8 ~ 9: $|b| \implies |b - a|$ (2 places)
- p. 29, ↓ 11: $D \implies$ a domain D
- p. 30, ↑ 11: $e. \implies$ base $e.$
- p. 32, ↑ 10: $\frac{1}{(2n-2)} \implies \frac{1}{(4n-2)}$
- p. 32, ↑ 6: mean \implies intermediate
- p. 36, ↑ 14: series \implies sequence
- p. 49, ↓ 12: $f(a + z) - f(z) \implies f(a + h) - f(a)$
- p. 55, ↓ 20: $(\phi(t_j) - \phi(t_{j-1}))^2 \implies (\phi_1(t_j) - \phi_1(t_{j-1}))^2$
- p. 57, ↑ 5 ~ 9: $t_{j\mu} - 1 \implies t_{j\mu-1}$ (3 places)
- p. 66, ↑ 1: homotopic to \implies a change of parameter of
- p. 69, ↑ 8: $|a| \implies |a - z_0|$
- p. 72, ↓ 13, 15: $z_1 \implies z$ (2places)
- p. 73, ↓ 3: $|a - w|$. The $\implies |a - w|$. Let f be a holomorphic function on D . The
- p. 76, ↑ 2: $(t_2), \implies (t_2) < 0,$
- p. 77, ↓ 1: $\psi|[t_{j-1}, t_j] \implies \psi|[t_{j-1} + \epsilon, t_j - \epsilon]$
- p. 83, ↓ 5: $\partial_z \implies 2\partial_z$
- p. 85, ↑ 7: Delete “ $h(e^{i\theta})$ ”
- p. 95, ↓ 7: $f \implies f_1$
- p. 105, ↑ 13: $\sqrt{a_m} \implies \sqrt[m]{a_m}$
- p. 110, In FIGURE 44: $y \implies 1$
- p. 114, ↓ 3: $2\pi \implies 2\pi i$
- p. 124, ↓ 4: polynomial \implies rational function
- p. 129, ↑ 10: function \implies functions
- p. 130, ↑ 3: $f : D \rightarrow D \implies f : D \rightarrow D'$
- p. 139, ↓ 6: $\frac{4}{a(z)} \implies \frac{1}{4a(z)}$
- p. 159, ↑ 10 ~ 9: *an injective* \implies *a bijective*
- p. 173, ↓ 9: $\alpha \implies \beta$
- p. 175, ↓ 18: $\left(\frac{dw}{dz}\right) \implies \left(\frac{dw}{dz}\right)^2$
- p. 176, ↑ 1: $1\sqrt{2\pi} \implies 2\sqrt{2\pi}$
- p. 180, ↓ 9, 13: $\frac{f(z)}{\zeta-z} \implies \frac{f(\zeta)}{\zeta-z}$ (2 places)
- p. 183, ↓ 19: $D \implies \mathbf{C}$
- p. 186, ↓ 4: $f \implies f_1$
- p. 207, ↑ 10: $n! \implies (n - 1)!$
- p. 217, ↑ 13: $\wp(z)^2 \implies \wp'(z)^2$
- p. 218, ↑ 1: $z_i \implies a_i$
- p. 219, ↓ 6: polynomials \implies rational functions
- p. 229, ↑ 12: $\sqrt{2}y/ \implies y/\sqrt{2}$