Correction List
Introduction to Complex Analysis
(Version 1998)

p. 6, ↑ 8: continuous function $\Longrightarrow$ increasing continuous function

p. 17, ↑ 5: $< 0 \Longrightarrow < \epsilon$

p. 28, in FIGURE 12: $|b| \Longrightarrow |b - a|$

p. 29, ↓ 8 ∼ 9: $|b| \Longrightarrow |b - a|$ (2 places)

p. 29, ↓ 11: $D \Longrightarrow$ a domain D

p. 30, ↑ 11: $e. \Longrightarrow$ base e.

p. 32, ↑ 10: $\frac{1}{(2n-2)} \Longrightarrow \frac{1}{(4n-2)}$

p. 32, ↑ 6: mean $\Longrightarrow$ intermediate

p. 36, ↑ 14: series $\Longrightarrow$ sequence

p. 49, ↓ 12: $f(a + z) - f(z) \Longrightarrow f(a + h) - f(a)$

p. 55, ↓ 20: $(\phi(t_j) - \phi(t_{j-1}))^2 \Longrightarrow (\phi_1(t_j) - \phi_1(t_{j-1}))^2$

p. 57, ↑ 5 ∼ 9: $t_{j\mu} - 1 \Longrightarrow t_{j\mu-1}$ (3 places)

p. 66, ↑ 1: homotopic to $\Longrightarrow$ a change of parameter of

p. 69, ↑ 8: $|a| \Longrightarrow |a - z_0|$

p. 72, ↓ 13, 15: $z_1 \Longrightarrow z$ (2places)

p. 73, ↓ 3: $|a - w|$. The $\Longrightarrow |a - w|$. Let f be a holomorphic function on D. The

p. 76, ↑ 2: $(t_2), \Longrightarrow (t_2) < 0,$

p. 77, ↓ 1: $\psi|[t_{j-1}, t_j] \Longrightarrow \psi|[t_{j-1} + \epsilon, t_j - \epsilon]$

p. 83, ↓ 5: $\partial_z \Longrightarrow 2\partial_z$

p. 85, ↑ 7: Delete " $h(e^{i\theta})$ "

p. 95, ↓ 7: $f \Longrightarrow f_1$

p. 105, ↑ 13: $\sqrt{a_m} \Longrightarrow \sqrt[m]{a_m}$

p. 110, In FIGURE 44: $y \Longrightarrow 1$

p. 111, ↑ 3: $\lim_{z\to 1} \Longrightarrow \lim_{\substack{z\to 1 \\ \mathrm{Im}\,z > 0}}$

p. 112, ↓ 6: $\int_{-\varepsilon}^r \Longrightarrow \int_{\varepsilon}^r$

p. 112, ↓ 7: $\int_r^{-\varepsilon} \Longrightarrow \int_r^{\varepsilon}$

p. 114, ↓ 3: $2\pi \Longrightarrow 2\pi i$

p. 124, ↓ 4: polynomial $\Longrightarrow$ rational function

p. 129, ↑ 10: function $\Longrightarrow$ functions

p. 130, ↑ 3: $f : D \to D \Longrightarrow f : D \to D'$

p. 139, ↓ 6: $\frac{4}{a(z)} \Longrightarrow \frac{1}{4a(z)}$

p. 159, ↑ 10 ∼ 9: *an injective* $\Longrightarrow$ *a bijective*

p. 173, ↓ 9: $\alpha \Longrightarrow \beta$

p. 175, ↓ 18: $\left(\frac{dw}{dz}\right) \Longrightarrow \left(\frac{dw}{dz}\right)^2$

p. 176, ↑ 1: $1\sqrt{2\pi} \Longrightarrow 2\sqrt{2\pi}$

p. 180, ↓ 9, 13: $\frac{f(z)}{\zeta - z} \Longrightarrow \frac{f(\zeta)}{\zeta - z}$ (2 places)

p. 183, ↓ 19: $D \Longrightarrow \mathbf{C}$

p. 186, ↓ 4: $f \Longrightarrow f_1$

p. 207, ↑ 10: $n! \Longrightarrow (n - 1)!$

p. 217, ↑ 13: $\wp(z)^2 \Longrightarrow \wp'(z)^2$

p. 218, ↑ 1: $z_i \Longrightarrow a_i$

p. 219, ↓ 6: polynomials $\Longrightarrow$ rational functions

p. 229, ↑ 12: $\sqrt{2}y/ \Longrightarrow y/\sqrt{2}$