CHAPTER I

p.9, l.-7: Change "e^{i\phi/n}" to "e^{i\phi}"

p.9, Ex.1, l.2: Change "cartesian" to "Cartesian" (upper case "C")

p.12, l.-6 and l.-5: Change "lattitude" to "latitude" (spelling, twice)

p.13, Ex.1, l.3: Change "lattitude" to "latitude" (spelling)

CHAPTER II

p.40, Ex.10: Insert "Each function is defined to have value 0 at z = 0."

p.41, Ex.19, l.-1: Change "P" to "p" (lower case)

p.59, l.14: Change "z_0" to "z_0 = \gamma_0(0) = \gamma_1(0)"

p.59, l.16: Change "z_0" to "0" (four times)

CHAPTER III

p.73, l.3: Change "f^{(0,0)}_{(1,0)}" to "f^{(0,0)}_{(0,1)}"

p.83, l.16: Change "(2.1)" to "(2.2)"

p.94, l.-14: Change "1/\bar{z} = z/|z|^2" to "C/\bar{z} = Cz/|z|^2"

p.95, l.-10: Change the exponent "-\pi/\alpha" to "-\alpha/\pi"

p.99, l.1: Change "(2\pi)" to "(2/\pi)"

CHAPTER IV

p.105, l.-3: Change "\sqrt{2t}" to "\sqrt{2t}"

p.107, l.-4: Change "from 1 to i" to "from 0 to 1 + i"

p.110, l.-6: Change "III.1.1" to "III.1"

p.111, Ex.1, l.3: Change "\infty < t < \infty" to "-\infty < t < \infty"

p.118, l.13: Change "one" to "m!"
CHAPTER V

p.137, l.10: Change “Exercises 4 and 5” to “Exercises 11 and 12”
p.139, l.1: Change “−” to “+”
p.143, Ex.4, l.4: Change “open set” to “domain”
p.152, l.11: Change “ak” to “bk”
p.152, l.19: In the displayed formula, change the second “aj” to “bj”
p.152, l.8: Change “VI.2.6” to “VI.2.9”
p.157, Ex.1(i): Change “Log \frac{z}{z-1}” to “Log \frac{z}{z-1}”
p.159, l.2: Change “an(s) = f^{(m)}(\gamma(s))/m! for s near t” to “an(t) = f^{(n)}(\gamma(t))/n!”
p.163, Ex.5, l.4: Change “open set” to “domain”

CHAPTER VI

p.180, l.13: Change “of q(z)” to “of p(z)”
p.180, l.14: Change “of p(z)” to “of q(z)”
p.180, l.4: Change “c_1 z^n q(z)” to “c_1 z^n”
p.184, l.8: Change “ω” to “ω_1”
p.187, l.6: Change “f(re^{iθ})” to “f(e^{iθ})”

CHAPTER VII

p.200, figure caption: Change “semicircular” to “semicircular”
p.217, l.12: Change “z = 1” to “of z = 0”
p.221, dogbone figure: Change “Γ_ε” to “γ_ε”

CHAPTER VIII

p.228, figure: Change “8” to “32” (redraw figure)
p.232, l.3: Change “Exercise 2” to “Exercise 1”
p.257, l.13: Change “Exercise 7” to “Exercise 8”

CHAPTER XI

p.309, l.14: Change “G(z_0)z” to “G(z_0)G(z)”
CHAPTER XII

p.330, Ex.2, l.2: Change “$P(z) = z^2 + 2$” to “$P(z) = z^2 + 1$”

CHAPTER XIV

p.363, l.3: Change “$(n_{n-1})z$” to “$n_z(n-1)+1$”

CHAPTER XV

p.414, l.-8: Insert “on $\partial D_n$” before “for $n$ large”

HINTS AND SOLUTIONS FOR SELECTED EXERCISES

p.447, I.2, Ex.1(e): Change to “$-2, 2e^{\pm\pi i/3} = 1 \pm i\sqrt{3}$” (multiply given answer by $-1$)

p.449, II.1, Ex.10: Interchange the solutions to 10(c) and 10(d)

p.451, II.7, Ex.9, l.-2: Change “$x_2$” to “$x_3$”

p.454, V.3, Ex.5(b): Delete “$-z+$”

p.455, V.6, Ex.1: Change “$(1/12)z^6$” to “$(61/720)z^6$”

p.455, V.7, Ex.1(d): Change “$n\pi$” to “$2n\pi$”

p.456, VI.2, Ex.3(c): Change to “$a_1 = 1 - 8/\pi^2$” (change plus sign to minus sign)

p.457, VI.4, Ex.2(b): Change the two minus signs in the linear combination to plus signs

p.457, VI.6, Ex.2: Change “$k \geq 1$” to “$k \neq 0$” and delete “$c_k = -i(-1)^k/k$ for $k \leq -1$, ”

p.459, VIII.1, Ex.5, l.1: Change “$\alpha < 1$ and $\alpha > 3$” to “$1 < \alpha < 3$”, and change “$1 \leq \alpha \leq 3$” to “$\alpha \leq 1$ and $\alpha \geq 3$”.

p.462, IX.2, Ex.12(c): Change “two” to “four”, and change “$f(z) = 2/z$” to “$f(z) = 2/z$, $f(z) = (2 - z)/(1 + z)$ and $f(z) = 2(z + 1)/(z - 2)$”

Assorted Comments

p.71, l.-9 to -7: Technically the sum appearing in line -9 is not a Riemann sum, because functions are evaluated at two different points in each interval. However, the sum does approximate the integral.