Errata

We would like to thank Robert Burckel of Kansas State University for pointing out the following errors and omissions.

p.39 line -12: ... meaning they have continuous first and second order partial derivatives and satisfy Laplaces equation ...

p.71 line 6: $\gamma(z)$ should be $\gamma(a)$.

p.82 line -6: ...as required. Theorem 2.6.1 applies because each term of the series defining g is analytic and the series converges uniformly. Thus, the integral of g around the boundary of any triangle in $D_R(z_0)$ is zero.

p.91 line -4: "Kramer's Rule" should be "Cramer's Rule".

p.123 line 11: ...inside of $\gamma(I)$, provided γ is positively oriented.

p.139 line 6: $f^{-1}(\mathbb{C} \setminus \{0\})$ should be $(f')^{-1}(\mathbb{C}/\{0\})$.

p.148 line -9: $R \setminus (\mathbb{C} \setminus B)$ should be $R \cap (\mathbb{C} \setminus B)$.

p.148, p.149, p.151: Lemma 4.6.15 is not needed and is quite difficult to prove. This lemma and the reference to it on page 149 should be ignored as should Exercise 12 on page 151. In any case, this exercise is misstated – it should say "contained in" rather than "contains".

p.161 line 5: f should be g.

p.183 line 4: $\frac{1}{\omega^2-n^2}$ should be $\frac{2\omega}{\omega^2-n^2}$.

p.252 line 9: The first sentence of Theorem 8.2.2 plays no role and should be ignored.

p.252 line -1: E_p should be E_{k-1}.

p.253 line 3: E_p should be E_{k-1}.

p.254 line -1: n should be k.

p.258 line -13: $D_R(0)$ should be $\overline{D}_R(0)$.

p.275 line -5: $\sum_{n=1}^{\infty} p_n^{\mathrm{Re}(z)}$ should be $\sum_{n=1}^{\infty} p_n^{-\mathrm{Re}(z)}$.