Errata for
Handbook of Integration

1. **Elliptic Integrals**, Chapter 34, page 149, line 4, we presently have

   tegral $\int t R_4(t^2)/\sqrt{S}\, dt$ can be evaluated in terms of logarithms and arc-

   This is incorrect (the subscript should have been "5", not "4"), it should have been

   tegral $\int t R_5(t^2)/\sqrt{S}\, dt$ can be evaluated in terms of logarithms and arc-

2. **Stationary Phase**, Chapter 50, page 227, equation (50.2), we presently have

$$I_c \sim g(c)\sqrt{\frac{2\pi}{\lambda|f''(c)|}} \exp\left[i\lambda f(c) - \frac{i\pi}{4}\operatorname{sgn} f''(c)\right]$$

   This is incorrect (the sign was incorrect), it should have been

$$I_c \sim g(c)\sqrt{\frac{2\pi}{\lambda|f''(c)|}} \exp\left[i\lambda f(c) + \frac{i\pi}{4}\operatorname{sgn} f''(c)\right]$$

3. **Gaussian Quadrature: Generalized**, Chapter 68, page 293, equation (68.3), we presently have, in part

$$\frac{(p_i, p_i)}{(p_{i-1}, p_{i-1})}$$

   This is incorrect (the numerator was incorrect), it should have been

$$\frac{(x p_i, p_{i-1})}{(p_{i-1}, p_{i-1})}$$