Errata

In [P1], at page 685, equation (10)

$$F_\theta(\theta) \approx \begin{cases} -2jk_0b/(\varepsilon_r \sin^2\theta) & \text{if } |\varepsilon_r| \gg k_0b \\ 2\cos\theta & \text{if } |\varepsilon_r| \ll k_0b \end{cases}$$

should be

$$F_\theta(\theta) \approx \begin{cases} -2jk_0b\sin^2\theta/\varepsilon_r & \text{if } |\varepsilon_r| \gg k_0b \\ 2\cos\theta & \text{if } |\varepsilon_r| \ll k_0b \end{cases}$$

In [P1], at page 689, equation (26)

$$P = \int_0^{2\pi}\int_0^{\pi/2} p \, \sin\theta d\theta d\varphi = \frac{\pi}{k^2}\sqrt{\frac{\varepsilon_0}{\mu_0}}\sum_{n=1}^{\infty}(a_n^2 + b_n^2)$$

should be

$$P = \int_0^{2\pi}\int_0^{\pi/2} p \, r^2 \sin\theta d\theta d\varphi = \frac{\pi}{k^2}\sqrt{\frac{\varepsilon_0}{\mu_0}}\sum_{n=1}^{\infty}(a_n^2 + b_n^2)$$