

FORMULA 3.824.1

$$\int_0^{\infty} \frac{\cos^2 ax}{x^2 + \beta^2} dx = \frac{\pi}{4\beta}(1 + e^{-2a\beta})$$

should be replaced by

$$\int_0^{\infty} \frac{\cos^2 x}{x^2 + a^2} dx = \frac{\pi}{4a}(1 + e^{-2a})$$