

FORMULA 3.996.1

$$\int_0^{\infty} \sin(a \sinh x) \sinh \beta x \, dx = \sin \frac{\beta\pi}{2} K_{\beta}(a)$$

should be written as

$$\int_0^{\infty} \sin(a \sinh x) \sinh 2bx \, dx = K_{2b}(a) \sin \pi b$$