FORMULA 3.996.2

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

should be written as

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