

**FORMULA 3.411.27**

$$\int_0^{\infty} \frac{1 - e^{-\mu x}}{1 + e^x} \frac{dx}{x} = \ln \left( \frac{\Gamma(\frac{\mu}{2} + 1)}{\Gamma(\frac{\mu+1}{2})} \sqrt{\pi} \right)$$