

FORMULA 3.466.2

$$\int_0^{\infty} \frac{x^2 e^{-\mu^2 x^2} dx}{x^2 + b^2} = \frac{\sqrt{\pi}}{2\mu} - \frac{\pi b}{2} e^{b^2 \mu^2} [1 - \operatorname{erf}(b\mu)]$$