

FORMULA 3.462.8

$$\int_{-\infty}^{\infty} x^2 e^{-\mu x^2 + 2\nu x} dx = \frac{e^{\nu^2/\mu}}{2\mu} \sqrt{\frac{\pi}{\mu}} \left(1 + \frac{2\nu^2}{\mu} \right)$$