

FORMULA 3.469.1

$$\int_0^{\infty} e^{-\mu x^4 - 2\nu x^2} dx = \frac{1}{4} \sqrt{\frac{2\nu}{\mu}} \exp\left(\frac{\nu^2}{2\mu}\right) K_{\frac{1}{4}}\left(\frac{\nu^2}{2\mu}\right) \quad \operatorname{Re} \mu \geq 0$$