

FORMULA 3.322.3

$$\text{PV} \int_0^{\infty} e^{\pm i\lambda x^2} dx = \frac{1}{2} \sqrt{\frac{\pi}{\lambda}} e^{\pm \pi i/4}$$

should be written as

$$\text{PV} \int_0^{\infty} e^{\pm ix^2} dx = \frac{\sqrt{\pi}}{2\sqrt{2}} (1 \pm i)$$