

C4282

! For an efficient use of these tables, first read [HowTo.pdf](#).

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**T2.31B.** Integrands involving exponential functions on the interval  $(0, \frac{1}{2})$ .

$$1. \int_0^{1/2} e^{-x^2} dx = e^{-1/4} \left[ \sum_{n=0}^{\infty} \frac{(n)!}{(2n)!} - 1 \right] \approx 0.461281009.$$

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