

C4282

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

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T2.33C. Integrands involving exponentials and rational functions on the interval (a, b) .

$$1. \int_a^b \frac{e^{-\mu x} dx}{x + \alpha} = e^{\alpha\mu} \{ \text{Ei} [-(\alpha + b)\mu] - \text{Ei} [-(\alpha + a)\mu] \}, \quad -\alpha < n, \text{ or } -\alpha > b, \Re\{\mu\} > 0.$$

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