

C4282

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

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T2.74A. Integrands involving logarithms, trigonometric functions and exponentials on the interval $(0, \pi/2)$.

$$1. \int_0^{\pi/2} \frac{e^{-p \tan x} \ln \cos x \, dx}{\sin x \cos x} = \frac{1}{2} [\text{Si}(p)]^2 - \frac{1}{2} [\text{Ci}(p)]^2, \quad \Re\{p\} > 0.$$

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