

C4282

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

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**T3.53B.** Integrands involving product of powers of logarithm functions and rational functions on the interval  $(1, \infty)$ .

1.  $\int_1^\infty (\ln x)^p \frac{dx}{x^2} = \Gamma(1+p), \quad p > -1.$

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