

FORMULA 4.212.8

$$\int_0^1 \frac{dx}{(a + \ln x)^n} = \frac{e^{-a} \operatorname{Ei}(a)}{(n-1)!} - \frac{1}{(n-1)!} \sum_{k=1}^{n-1} \frac{(n-k-1)!}{a^{n-k}}$$