

FORMULA 4.271.10

$$\int_0^1 \frac{\ln^{2n-1} x \, dx}{1-x^2} = \frac{1}{2} \int_0^\infty \frac{\ln^{2n-1} x \, dx}{1-x^2} = \frac{1-2^{2n}}{4n} |B_{2n}| \pi^{2n}$$