

FORMULA 3.833.2

$$\int_0^{\infty} \sin^{2m+1} 2x \cos^{2n-1} 2x \cos^2 x \frac{dx}{x} = \frac{\pi}{2} \cdot \frac{(2m-1)!! (2n-1)!!}{(2m+2n)!!}$$