

FORMULA 3.252.3

$$\int_0^\infty \frac{dx}{(ax^2 + 2bx + c)^{n+3/2}} = \frac{(-2)^n}{(2n+1)!!} \frac{\partial^n}{\partial c^n} \left[\frac{1}{\sqrt{c}(\sqrt{ac} + b)} \right]$$