
Differential Integral Calculus 2 Volume Set

elementary differential and integral calculus formula ... - pascal's triangle $(x+y)^2 = x^2 + 2xy + y^2$, $(x+y)^3 = x^3 + 3x^2y + 3xy^2 + y^3$ and so on. the coefficients in $(x+y)^n$ form the n th row of pascal's triangle: 1 1 1
pdf - integral table - integrals with trigonometric functions $\int \sin ax dx = -\frac{1}{a} \cos ax$ (63) $\int \sin^2 ax dx = \frac{x}{2} - \frac{\sin 2ax}{4a}$ (64) $\int \sin^n ax dx = \frac{-\cos ax}{n} + \frac{\cos ax \sin^{n-2} ax}{n-2}$ (65) $\int \sin^3 ax dx = -\frac{\cos ax}{3} + \frac{2 \cos^3 ax}{9}$ **recommended**
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