Source: [KBhMATH401SubIndex]

1 | Intergration

Antiderivatives table

Function	Antidervative
$\overline{x^n}$	$\frac{x^{n+1}}{n+1} + c, x \neq -1$
af(x)	a*(f(x)dx)
$\frac{1}{x}$	$\ln(\ x\)$
sin(at)	$-\frac{cos(t)}{a}$
cos(at)	$rac{sin(t)}{a}$
e^a	e^a
$\frac{1}{1+(ax)^2}$	$tan^-1(ax)$
$\frac{a}{\sqrt{1-(ax)^2}}$	$sin^-1(ax)$
$\frac{-1}{\sqrt{1-(ax)^2}}$	$cos^-1(ax)$