INTEGRALES INMEDIATAS

NORMA	RESPUESTA
$\int f(x)^n \cdot f'(x)dx \qquad n \neq -1$	$\frac{f(x)^{n+1}}{n+1} + c$
$\int \frac{f'(x)}{f(x)} dx$	$\ln\lvert f(x)\rvert + c$
$\int sen\, f(x) \cdot f'(x)dx$	$-cos\, f(x) + c$
$\int cos\, f(x) \cdot f'(x)dx$	$sen\, f(x) + c$
$\int \left(1 + tg^2 f(x)\right) \cdot f'(x)dx = \int \frac{f'(x)}{cos^2 f(x)} dx = \int (sec^2 f(x)) \cdot f'(x)dx$	$tg\, f(x) + c$
$\int \frac{f'(x)}{sen^2 f(x)} dx$	$-cotg\, f(x) + c$
$\int e^{f(x)} \cdot f'(x)dx$	$e^{f(x)} + c$
$\int a^{f(x)} \cdot f'(x)dx$	$\frac{a^{f(x)}}{\mathrm{Ln}\, a} + c$
$\int \frac{f'(x)}{1 + f(x)^2} dx$	$arc.tg\, f(x) + c$
$\int \frac{f'(x)}{\sqrt{1 - f(x)^2}} dx$	$arc.sen\, f(x)$