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INTEGRALES

$\int f\,'\, f^n dx = \frac{f^{n+1}}{n+1} + C$	$\int \left(1 + \mathrm{tg}^2\right) \cdot f\,' = \mathrm{tg}\, f + C$
$\int \frac{f\,'}{f} dx = \ln\lvert f \rvert + C$	$\int \frac{f\,'}{\cos^2 f} dx = \mathrm{tg}\, f + C$
$\int e^f \cdot f\,' dx = e^f + C$	$\int \left(1 + \mathrm{cotg}^2 f\right) \cdot f\,' dx = -\,\mathrm{cotg}\, f + C$
$\int a^f \cdot f\,' dx = \frac{a^f}{\ln f} + C$	$\int \frac{1}{\mathrm{sen}^2 f} f\,' dx = -\,\mathrm{cotg}\, f + C$
$\int \mathrm{sen}\, f \cdot f\,' dx = -\cos f + C$	$\int \frac{f\,'}{\sqrt{a^2 - f^2}} dx = \mathrm{arcsen} \frac{f}{a} + C$
$\int \cos f \cdot f\,' dx = \mathrm{sen}\, f + C$	$\int \frac{f\,'}{a^2 + f^2} dx = \frac{1}{a} \mathrm{arctg} \frac{f}{a} + C$
$\int \mathrm{tg}\, f \cdot f\,' dx = -\ln\lvert \cos f \rvert + C$	$\int \frac{f\,'}{a^2 - f^2} dx = \frac{1}{2a} \ln\left\lvert \frac{f - a}{f + a} \right\rvert + C$
$\int \mathrm{cotg}\, f \cdot f\,' dx = \ln\lvert \mathrm{sen}\, f \rvert + C$	$\int \frac{f\,'}{\sqrt{a^2 + f^2}} dx = \ln\left\lvert f + \sqrt{f^2 + a^2} \right\rvert + C$
$\int \sec f \cdot \mathrm{tg}\, f \cdot f\,' dx = \sec f + C$	$\int \mathrm{cosec}\, f \cdot \mathrm{cotg}\, f \cdot f\,' dx = -\,\mathrm{cosec}\, f + C$
$\int \sec f\, f\,' dx = \ln\lvert \sec f + \mathrm{tg}\, f \rvert + C$	$\int \mathrm{cosec}\, f\, f\,' dx = \ln\lvert \mathrm{cosec}\, f - \mathrm{cotg}\, f \rvert + C$