TABLA DE INTEGRALES INMEDIATAS

$\int x^a dx = \frac{x^{a+1}}{a+1} + C$	$\int f^a \cdot f' dx = \frac{f^{a+1}}{a+1} + C$
$\int \frac{1}{x} dx = L/x/ + C$	$\int \frac{f'}{f} dx = L/f/ + C$
$\int e^x dx = e^x + C$	$\int e^f \cdot f' dx = e^f + C$
$\int a^x dx = \frac{a^x}{La} + C$	$\int a^f \cdot f' dx = \frac{a^f}{La} + C$
$\int senx dx = -\cos x + C$	$\int senf \cdot f' dx = -\cos f + C$
$\int \cos x dx = senx + C$	$\int \cos f \cdot f' dx = senf + C$
$\int \sec^2 x dx = tgx + C$ $\int (1 + tg^2 x dx) = tgx + C$ $\int \frac{1}{\cos^2 x} dx = tgx + C$	$\int \sec^2 f \cdot f' dx = tgf + C$ $\int (1 + tg^2 f) \cdot f' dx = tgf + C$ $\int \frac{f'}{\cos^2 f} dx = tgf + C$
$\int co\sec^2 x dx = -cotgx + C$ $\int (1 + cotg^2 x dx) = -cotgx + C$ $\int \frac{1}{\mathrm{s}en^2 x} dx = -cotgx + C$	$\int co\sec^2 f \cdot f' dx = -cotgf + C$ $\int (1 + cotg^2 f) \cdot f' dx = -cotgf + C$ $\int \frac{f'}{\mathrm{s}en^2 f} dx = -cotgf + C$
$\int \frac{1}{\sqrt{1 - x^2}} dx = arcsenx + C$ $\int \frac{1}{\sqrt{a^2 - x^2}} dx = arcsen\frac{x}{a} + C$	$\int \frac{f'}{\sqrt{1 - f^2}} dx = arcsenf + C$ $\int \frac{f'}{\sqrt{a^2 - f^2}} dx = arcsen\frac{f}{a} + C$
$\int \frac{1}{1 + x^2} dx = arctgx + C$ $\int \frac{1}{a^2 + x^2} dx = \frac{1}{a} arctg\frac{x}{a} + C$	$\int \frac{f'}{1 + f^2} dx = arctgf + C$ $\int \frac{f'}{a^2 + f^2} dx = \frac{1}{a} arctg\frac{f}{a} + C$
$\int \frac{Mx + N}{ax^2 + bx + c} dx =$ neperiano + arco tangente	