11. Tablou de derivare		
Funcția ·	Derivata	Domeniul de derivabilitate
c (constantă)	0	R
x	1	.
x^n , $n \geqslant 1$ intreg	nx^{n-1}	R .
x^r , r real	rx^{r-1}	cel puţin (0, ∞)
\sqrt{x}	$\frac{1}{2\sqrt{x}}$	(0, ∞)
ln x	1 x	(0, ∞)
-	e _x	R.
a^x , $a > 0$, $a \neq 1$ $\sin x$	a ^x ln a	
COS X	cos x	${f R}$
	-sin x	R
tg x	cos ² x	$\cos x \neq 0$
ctg x	$\frac{1}{\sin^3 x}$	$\sin x \neq 0$
arcsin x	$\frac{1}{\sqrt{1-x^2}}$	(-1, 1)
arccos x	$\frac{1}{\sqrt{1-x^2}}$	(-1, 1)
arcig z	$\frac{1}{1+x^3}$	B
arcetg x	$-\frac{1}{1+x^3}$	R

arcsin:
$$[-1,1] \rightarrow [-\frac{\pi}{2},\frac{\pi}{2}]$$

arcs: $[-1,1] \rightarrow [0,\pi]$
arctg: $\mathbb{R} \rightarrow]-\frac{\pi}{2},\frac{\pi}{2}[$
arctg: $\mathbb{R} \rightarrow]0,\pi[$