Partial De	envatives		
	bernatues of	a function	1
	Le point Cas		
domain of t	arei		
$f_{\chi}(a,b) = 1$	im f(a+t,b).	-f(a,b)	Portial with espect to X.
$f_{\gamma}(a,b) = 1$	m f(a,b+t	)-f(a, b) p	partial rt y
let $g(x)! = 1$ et $h(y)! = f(a,y)$	PLX, b) g/4	a) = 1m glata top	1 -g (a)=f(ab)

The control of the co

Example  $e^{(x^2+2y)}=f(xy)$   $\frac{\partial f}{\partial x}=2\times e^{(x^2+2y)}$  $\frac{\partial f}{\partial y} = 2e^{Cx^2 2 x^3}$