, , ,	z-20=fx(x0, Y0) (x-X0) (x)
Funçõis:	+ Fy(Xo, Yo)(Y-Yo)
1/F(x, y) = x em (2, 1)	
7+4	=> z-======(x-2)+==(Y-1)
11	Z= 12 - 2 - 2 y + 2 + 2 3
- 1 - 4y' (2 a)	
2) $f(x, y) = \sqrt{x + e^{4y}} \text{ am } (3, 0)$	z= x - 2 y + 2
the standard of the same of the	9 9 3
(a] Para 1)	
	Para 21
DF= (2c+y) 2c = y	$\chi_0 = 3$ $\gamma_0 = 0$ $\chi_0 = 2$
Da (20+4)2 (20+4)2	
	E 12 122 1
7 / 100 2 11 21	$f_{\infty}(3,0) = \frac{1}{2\sqrt{3+1}} = 1$
d = (x+x).0-x = -x	
$\frac{\partial y}{\partial x} \frac{(x+y)^2}{(x+y)^2}$	fy(3,0) = 2.1 = 1
The state of the s	13+1
Para 2)	
37 F(30 Y) = 2° - Y	z-26=Ax(-x0, Yol (x-x6) 1)
3	
$\frac{\partial f}{\partial x} = \frac{1}{\sqrt{x + e^{4x}}}$	+ Fy(X0, Y0)(Y-Y0)
OX CAXIE.	
2 44 44 44 44 44 44 44 44 44 44 44 44 44	=> z-2= = = (20-3)+1(Y-0)
de = 4e = 2e	⇒z= x-3+ y+2
$\frac{\partial F}{\partial x} = \frac{1}{2} \frac{1}{2$	=> z=x+y+5
Caraca a version	и ч
b] Rara 1)	
	7,
20=2 Yo=1 Zo==3	CJAs lineatrizações de 1)
tx(2,1)= 1 = 1	e 2/ são:
12+41 9	
fy(2,1) = -2 = 2	L(x, y) = x - 2y + 2
(2+1) 9	9 9 3
	, , ,
	l:
	L(x,y)=x+y+5
Credeal	4 4