



Ex2:
(ZJC)
the surfacearea of a sphere
y=Jaz-xz, radius a
$y' = \frac{-x}{Ja = x^2}$ $d$
Ja=x2
x2. a2
1+(y')2 = 1+ a=x2 = a=x2
$= \int_{X_{\perp}}^{X_{\perp}} \int_{X_{\perp}$
JXI ZKOLOF
= 2 Ti Ci. (X2-X1)
RARAMETRIC CURVES 188 188
$\chi = \lambda(t)$
1
Ex1:
y=acst , x=acst , y=asint
$4x^2+y^2=a^2  (circle)$
counterclickwise (39 35 Et)
(4,0) t=0