x2 + y2 - 9 = 16 <=> x2 + y2 = 25 de fine uma controlore noise de $\frac{b-ch+rx}{r} = r \iff l = \frac{b-ch+rx}{r} \iff l = (h'x)f$ $e \varepsilon = e + e \times$ 6 < ch + cx / //// $\mathcal{O} = \left\{ (x,y) \in \mathbb{R}^2 : \lambda^2 + y^2 - q > 0 \wedge x > 0 \right\}$ $\left(xyh'\frac{b-eh+enh}{h}\right)=\left((h'x)h'(h'x)f\right)=\left(h'x\right)y$ x M y = (y,x) $\frac{\lambda}{\rho - \epsilon_{V} + \epsilon_{X} V} = (\gamma, x)^{\frac{1}{2}}$ 19484e 1 19484e

$$\sum_{x=g(x,y)} x = g(x,y)$$

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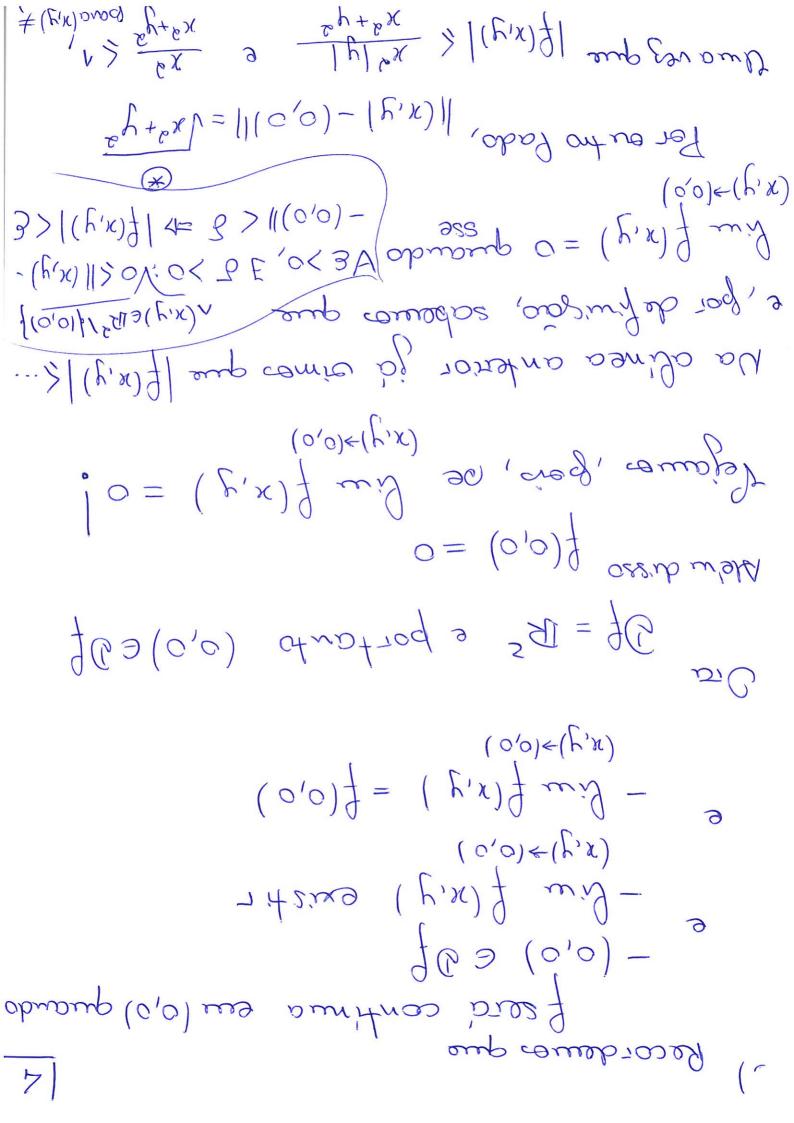
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1 h 1 8 x = s can own but $\frac{|\nabla x|^{2}}{|\nabla x|^{2}} = \frac{|\nabla x|^{2}}{|\nabla x|^{2}} = \frac{|\nabla x|^{2}}{|\nabla x|^{2}}$ $= \left| \frac{x \omega + \omega x}{\omega + \omega x} \right| = \left| (\psi, x) \right|$ 10h + 0x 1 [x1]. [4]. [sevil $\left(\mathcal{L}_{1} \frac{\lambda}{-1-69V}\right) = \left(\frac{\lambda}{V_{1}} \times \lambda\right) \lambda = \left(\frac{\lambda}{V_{2}} \times \lambda\right)$ NãO & 2001 donowinador 2×60 = 2 ob stimils do 11 prop. dos Buites (xy) 2) 2) 9 (x,y) >(x,y) 9 (x,y) >(x,y) 9 6-6 + 6x / (3,6) ~ (4,x) 2 with codues estitiss obnoup britiss sup estimps estimishes $\frac{\mathcal{E}}{(xM)^{2}} \left(\frac{\lambda}{2-c} \right) = \lim_{x \to c} \frac{\lambda}{2-c}$ $(9,6) \leftarrow (\gamma,x) \qquad (9,6) \leftarrow (\gamma,x) \qquad ($



Q - (=9+m , c9+m) } mig = of-69+1/4.2+0) = 000 = f(0,0) = f(0,0)sup also whatmu 3 (= 1 - 1 - (2,1) 220 $\frac{20}{100}$ G = (0,0) (3) Per consequente f é continua ou (0,0) of portants $O = (y,x) f \text{ with } o(0,0) \in (y,x)$ O = (y,x) f(x,y)Assim Existe 3 = 5 string $\frac{||(0,0)-(y,x)||}{||(y,y)-(y,x)||} = \frac{||(x,y)-(y,x)||}{||(y,x)-(y,x)|} = \frac{||(x,y)-(y,x)-(y,x)||}{||(y,x)-(y,x$

" rega de l'Hôpitel". , abonimonab, a observe let used as week uset uset Ubs: Para o berantamento da indeterminação $\left(\frac{eq+11}{3}\right)$ one of $\frac{eq+11}{q}$ = y · (e9 + 1) 29 (3) mod · q · 24 my = $y: \frac{e9+(1+e)+(1+e9+(1+e)+(1$

$$(x,y) = x + y + x = x$$

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$$(x,y) = x + y + x = x$$

$$(x,y) = x + y = x$$

$$(x,y) =$$

II shot 土

 $(+\pi\mu) \cos \pi\mu - = ((+\pi\mu)\cos + \mu) = \frac{\lambda \pi}{\lambda b}$ $(+\pi\mu) \cos \pi c = ((+\pi\mu)\cos + \mu) = \frac{\lambda \pi}{\lambda b}$

((nd) + 1)((nd) + 1) = 1 ((nd) + 1)((nd) + 1) = 1

 $\overline{n} = r \cdot \overline{n} \cdot (r + \mu) \cdot \varepsilon = (\overline{n} \cdot \varepsilon) \cdot \varepsilon = 0$

$$\begin{cases} (y'x) & = x \\ (y'x) & = x$$

ioup servedog stussing oces out (9'0) fix f = (9'0) whit O stronger stronger controls are (a,b) defruides rema significance de (a,b)

Se fx e fx estructura en (a,b)

Ext for continua en (a,b) fob, & , o'm'unab ab reinstui otrog were denotables de um porto de Schourz:

Sogow f: 2 C R2 - R Buorde-se o enimaiado do Teoresia 0

estre definides e são continuas pora Toub was 156 otnot spee ue 2 /61 - Lex 8 = $\left(\frac{e}{e} + \frac{e}{e}\right) = \frac{e}{e} = \left(\frac{e}{e}\right) = \frac{1}{e} = \frac{e}{e}$ 1+6/61-6x8 = $\left(\frac{1}{16} \frac{1}{16} \frac{1}{16}$ 2 fxec - 6,xe = fe ours will esti definida poua qualquer (x,y) EIR2. P+ Epp-Epex = 16 (()

derizadas fouciais de 1ºº erdem f: B3 → 15 não existe um compo es cola Caluba o leonema de Salubas (f'x) $\frac{1}{56}$ $\frac{1}{56}$ $\frac{1}{56}$ $\frac{1}{56}$ otropho ol

agas de la commada do problema.

SHANTY (0,10,14+(1,0,1)++(1,0,0) = (5,1,5) of the period as being as the plans to the sample of the s $o = (o'o) \frac{ke}{fe}$ $v = (o'o) \frac{xc}{fe}$ Rustre -= fe zust-han = xe 3- \$(0,0)= 1, pelo que (0,0,1) E Get. y - 29 y y - (97'y) = - 1 OFJ = - 1 10'0)f-(19'1)y+(0'0))f my =((9'1)'(0'0)), t (0-e Conhuse en (0,0). , + + one god (0'0) t = 0 = (h'x) t (0'0) +(h'x) $0 = \frac{2h + 2x}{2h + 2x}$ $0 = \frac{2h + 2x}{2$ 9-61 Pela alinaa a) sabernes que Uma coeceças afternativa au quentites 2-6), c), 3, 5. EVOTHOLEV

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(4)

$$\begin{pmatrix}
x & y \\
y & y \\
y$$