Llista de problèmes (2)

1.193 Esbussen corbes de mivelle i la grafica de g: 182-18, g(x,x)=-xg.

Idem } (x, y) = x2+4 42 7.14

1.15 Descriving les corbes de mirelle de g(x, 8) = x3-x

1.16 Desnivin les corbes de mivelle i la gràfica de fix, 3) = (100 - x² - 3²) 1/2

1.17 Desouvin Res corbes de mirell de g(x, y) = x2+xy

1.18 Desnivin les corbes de misell à la gràfica de fix, y) = max (1x1, 141)

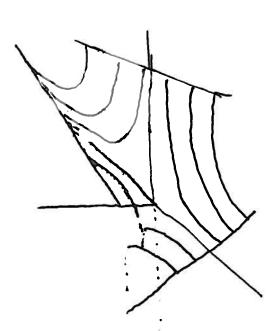
Determine les superficies de mirell de g(x, y, z) = 4x²+y²+qz² 1.19

1.20 Esbossen las superficies y2+22=4, y2=x2+22

1.21 Determinen les corbes de mivelle de 2(x, 2) = 2x3. (usen coord. polars)

in coorden-der polars per 1.22 Donada 8: 1R-4(0,0)} -> 1R f(r,0) = cos 20, troben les corbes de mivelle respecte els eixos xy.

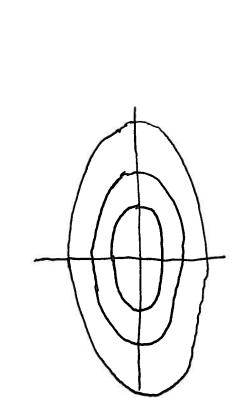
corbes de mivell



(A.13)

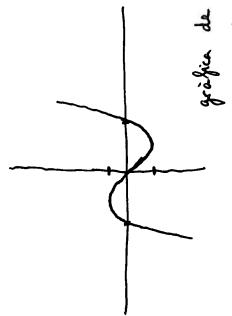
4: 18 - 18 , B(x,18) = x2+442 Corbes de misell ri graffica da

corbes de mivell



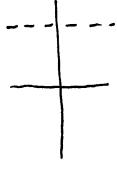


δ: R² → R, δ(x,y) = x³-x Corbes de mivelle de



graphic de
$$g(x) = x^3 - x$$

si c> 2/3 Lc = una recta



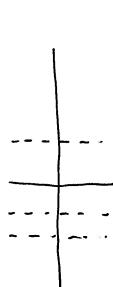
Lc = dunes rectes

1 (b = 2 13 1

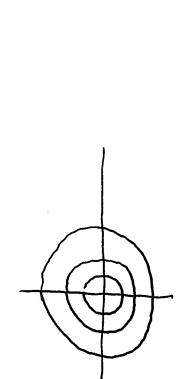
Extrems de 2:
$$g'(x) = 3x^2 - 1 = 0$$

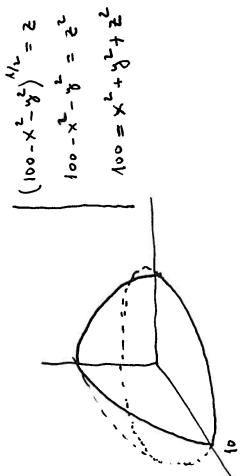
$$g(\frac{4}{13}) = (\frac{4}{13})^3 - \frac{4}{13} = \frac{4}{13} = \frac{4}{13} = \frac{4}{13} = \frac{4}{13}$$

$$g(-\frac{4}{13}) = \frac{2\sqrt{3}}{9} = \frac{4}{13} = \frac{$$



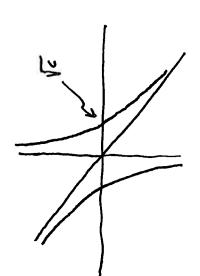
$$\lambda_{0} = \lambda_{0} = \lambda_{0$$





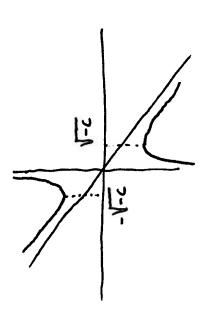
XIII

X U O



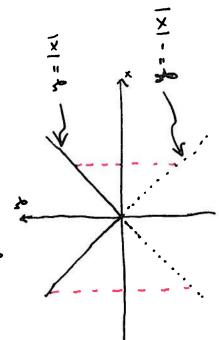
Louse done de per
$$y = -x + C = \frac{C-x^2}{x}$$
. Are la funció mo s'amul·la $y^2 = -x - C = 0$

2-\7=x ← 7-=7× ←>

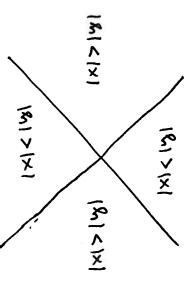


14 (2)

 Primer regen con son les regions IXI>181,



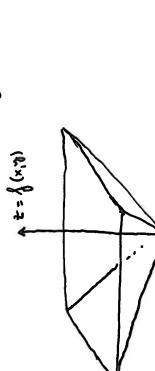
|8| > |x| | (|8| < |x| Su

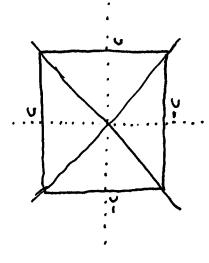


freem c>0

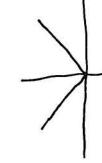
1×1×1×1

1×1×1/2





Notem aprela pecció M=0 dona



superficies de misell:

L. = 6 x

Lo = 1(0,0,0)}

フェマトナルナマト

0 ^ 0

de remicixos VE, VE

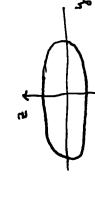
ed. bipre

Secus Le 1 12=0} = { x2 + 22 - 1}

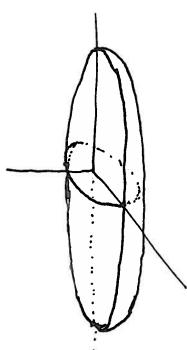
12/y remi cixed

el. lipu h

トーラナットラーショイ

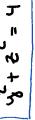


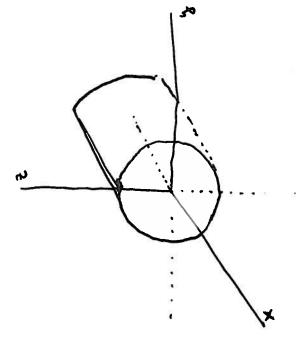
Le 14x=0f=4 1/2+ 2= 1/2 d. lipse de nemicaxos Ve, 3

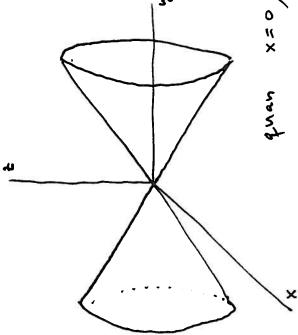


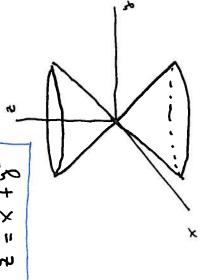
el. Ripsoide

7.14









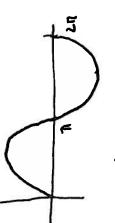
lorbes de mivelle de

Z

Verice que
$$n$$
 (cl>1 , $L_c = \phi$

graf sin 20

Si
$$c=\lambda$$
, $L_c=\{\theta=\frac{\pi}{4}, \frac{s\pi}{4}\}$ dates semirectes



quatre nemireutes † Le té quatre valors per o

donade en coordanades pulares per g(r,0) = (05 20) Corbes de mivell respecte als eixos xy de 8: R2 > 605 -> R



