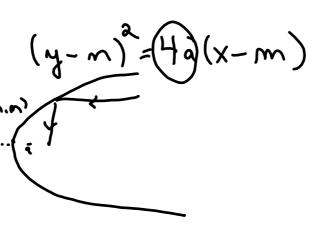
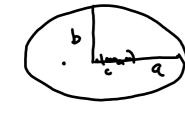


3.6



E Mijeac

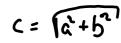
$$\frac{\left(x-m\right)^{2}}{\left(x-m\right)^{2}} + \frac{\left(x-m\right)^{2}}{\left(x-m\right)^{2}} =$$





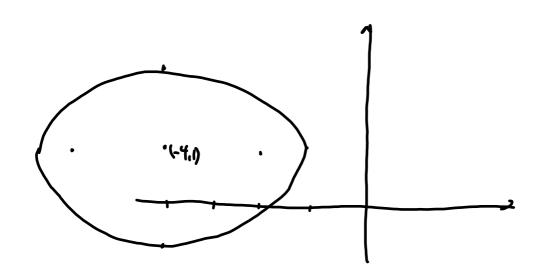


$$\frac{\left(X-m\right)^2-\frac{\left(y-n\right)^2}{b^2}=1$$





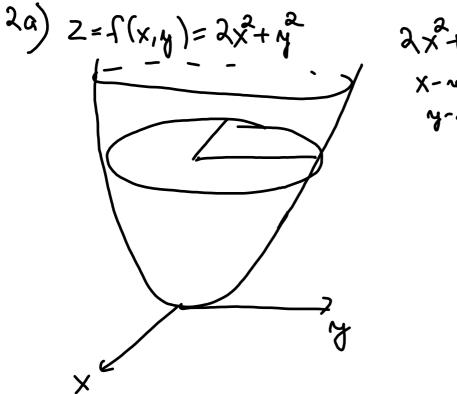
$$\frac{1}{4} \frac{1}{x^{2}} + \frac{9}{4} \frac{1}{x^{2}} + \frac{3}{4} \frac{1}{x^{2}} = \frac{3}{4} \frac{1}{x^{2}} \frac{1}{x^{2}$$



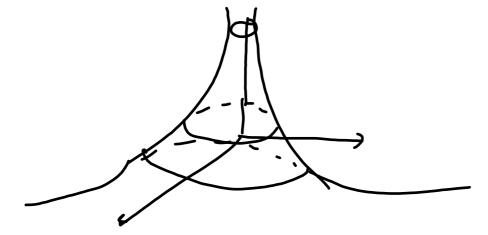
Uten navn.notebook

$$\begin{array}{lll} & \begin{array}{lll} X^2 - y^2 - 2x + \frac{1}{4}y - 7 & = & \\ & (x-1)^2 - 1 - (y^2 - 4y) - 7 & = & \\ & (x-1)^2 - 8 - ((y-2)^2 - 4) & = & \\ & (x-1)^2 - (y-2)^2 - 4 & = & \\ & \begin{array}{lll} & \begin{array}{lll} & \text{Holostice a} \\ & \text{Complete} \end{array} \\ & \begin{array}{lll} & \begin{array}{lll} & \text{Comp$$

February 27, 2018



$$3a) Z = \frac{1}{1 \times 2 + \sqrt{2}} = \frac{1}{1}$$



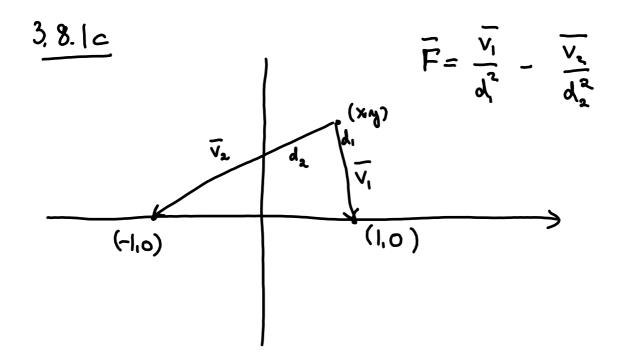
$$\frac{1}{2}\int_{2\pi}^{2\pi}f(x,y)=\frac{x}{x^{2}+y^{2}}=\frac{x\cos\theta}{x^{2}}=\frac{\cos\theta}{x}$$

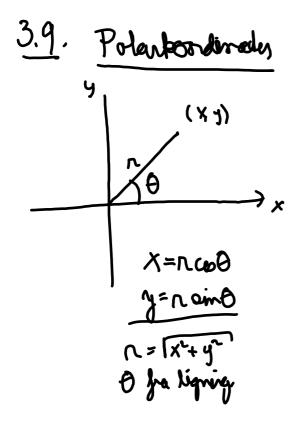
5 a) Tangotplan til
$$z = x^2y$$
 i $(1,-2)$, $z = -2$
 $F = 2 - x^2y = 0$

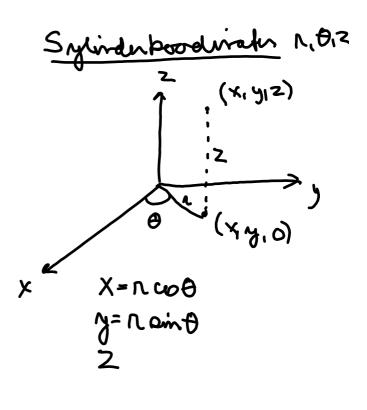
Gradinalin til F atin \bot på flaton.

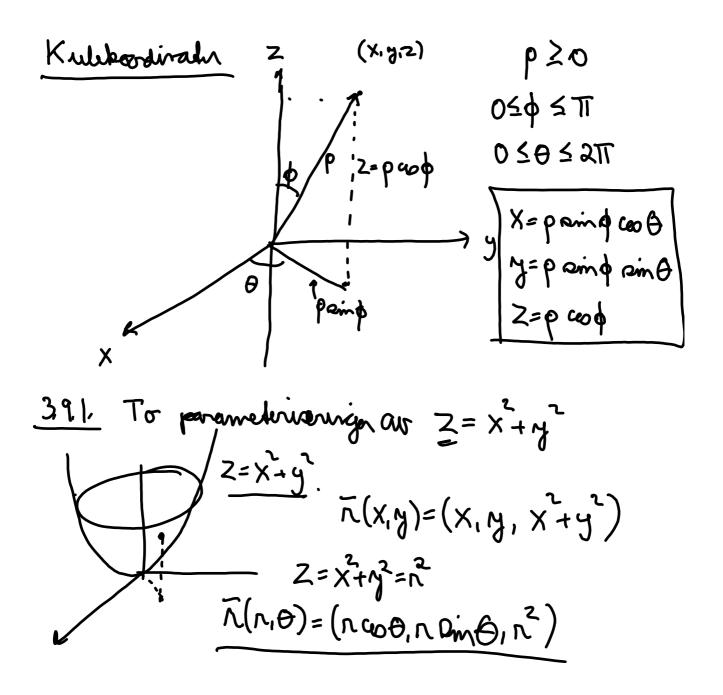
 $\nabla F = (-2xy, -x^2, 1)$
 $\nabla F(1,-2,-2) = (4,-4,1)$ Normalvelden.

 $4(x-1)-1\cdot(y-(-2))+1\cdot(z-(-2))=0$
 $4x-y+z=4$.

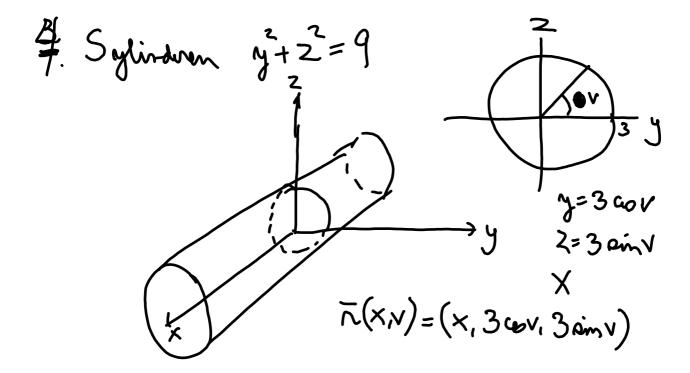








3) Kneyladon $x^2+y^2+z^2=4$ i 1. oktomt.



5) Kigglyfath
$$X = \sqrt{y^2 + 2^2} = n$$
 Polaboud in $\sqrt{1/2}$

$$\sqrt{(n, v)} = (n, n \cos v, n \sin v)$$

6. Ellipsoide

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} + \frac{z^2}{c^2} = 1$$

Parameter \$, 0 , 05\$5T 05852TT

 $\tilde{\Lambda}(\phi,\theta) = (a \sin \phi \cos \theta, b \sin \theta \sin \theta, C \cos \phi)$

p, 0. ikk de gemelik vinklene

