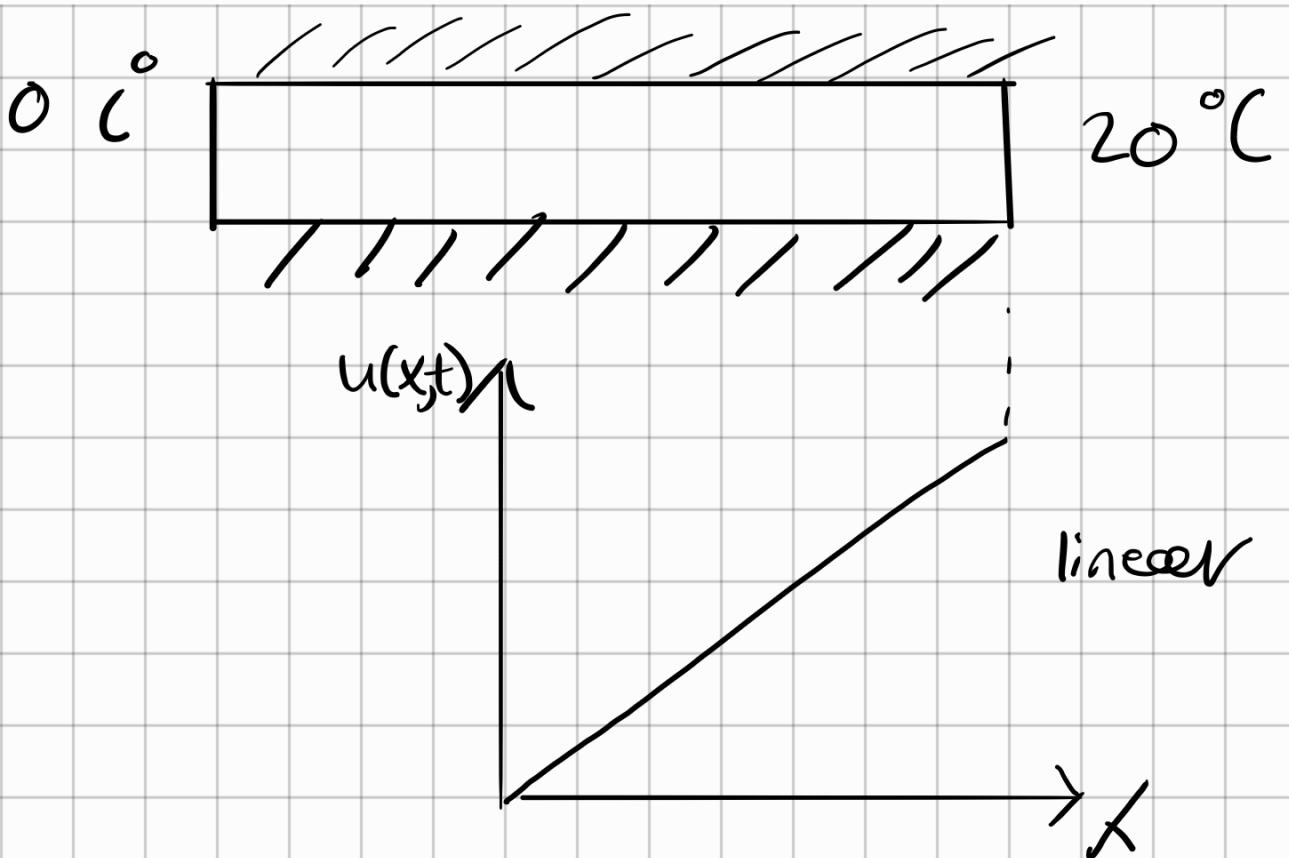


$u = \text{temperatur}$



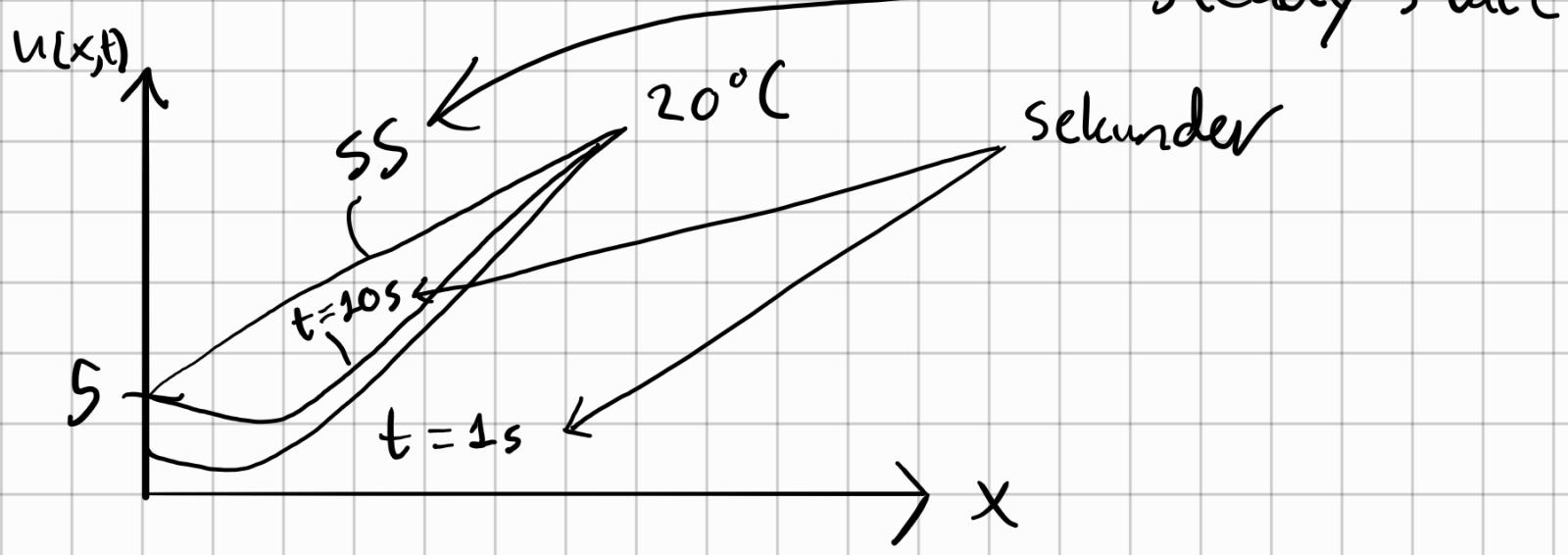
$t=0$

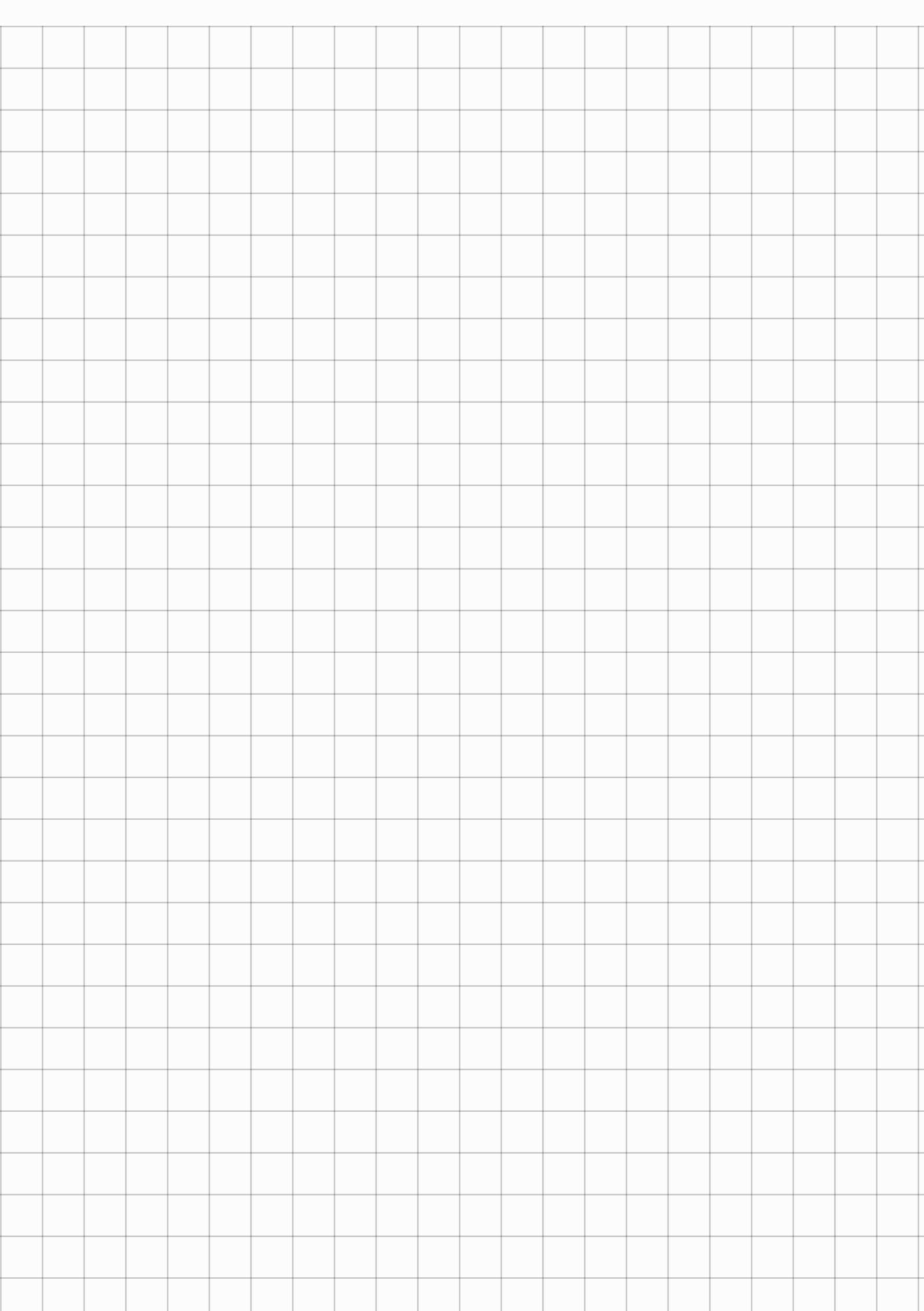
5°C

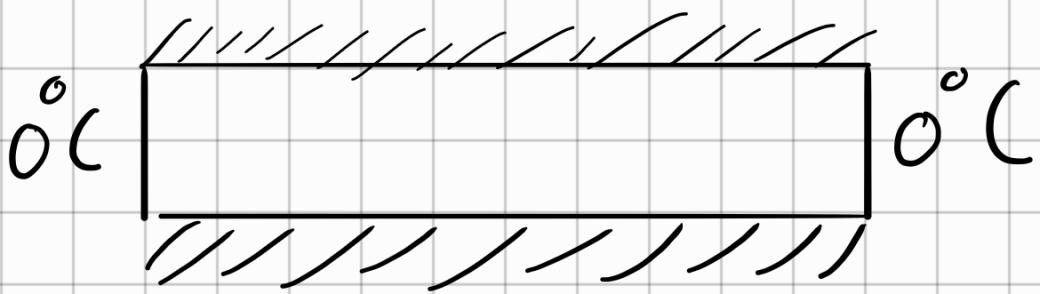
0°

$u(x,t)$

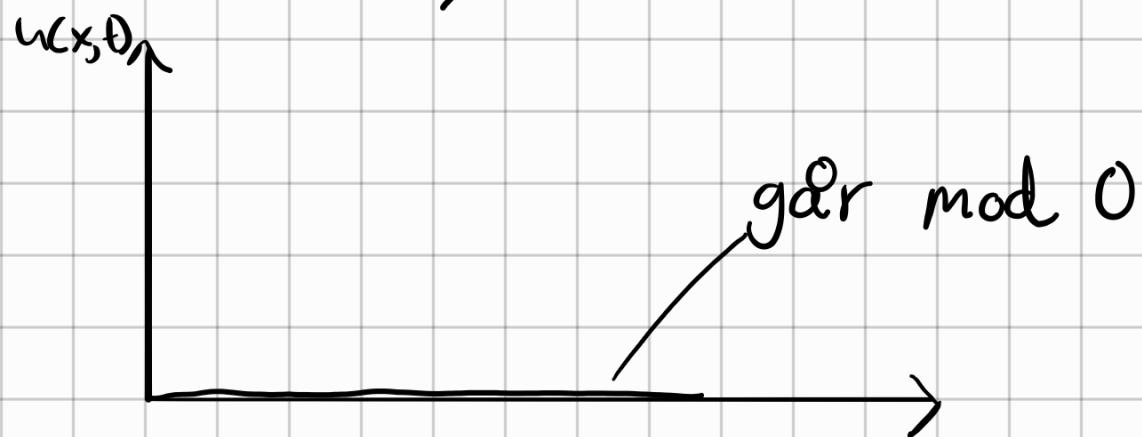
5

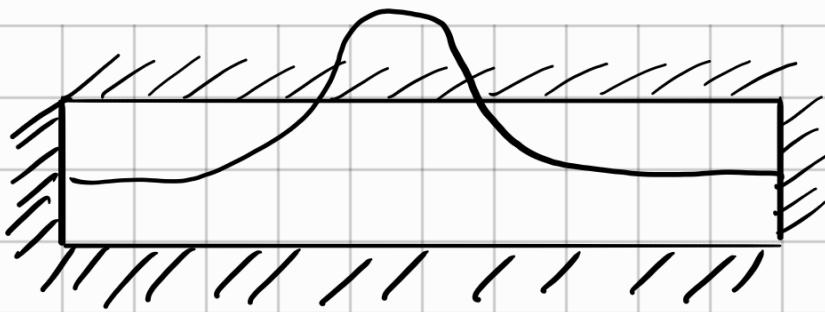






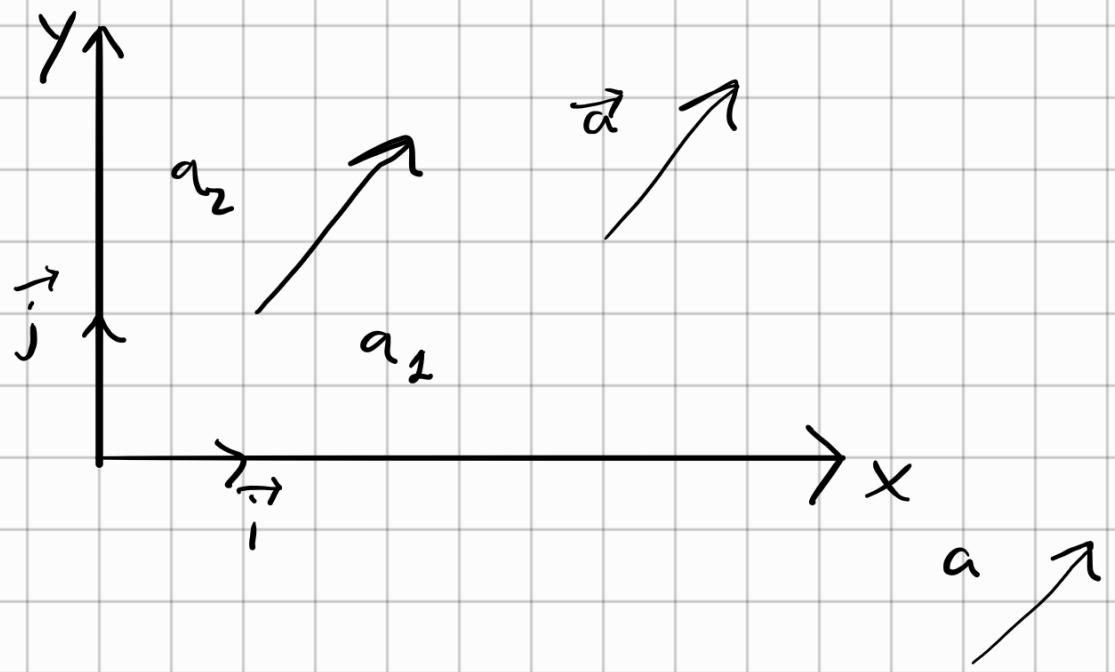
Efter lang tid $t \rightarrow \infty$

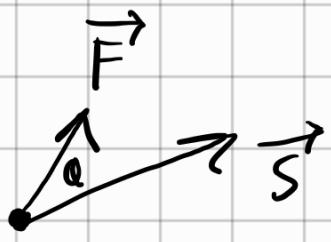




$$\frac{\partial u(0,t)}{\partial x} = 0$$

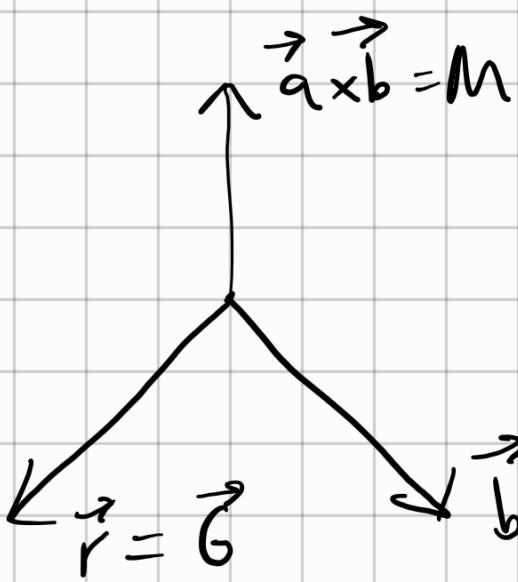
$$\frac{\partial u(l,t)}{\partial x} = 0$$

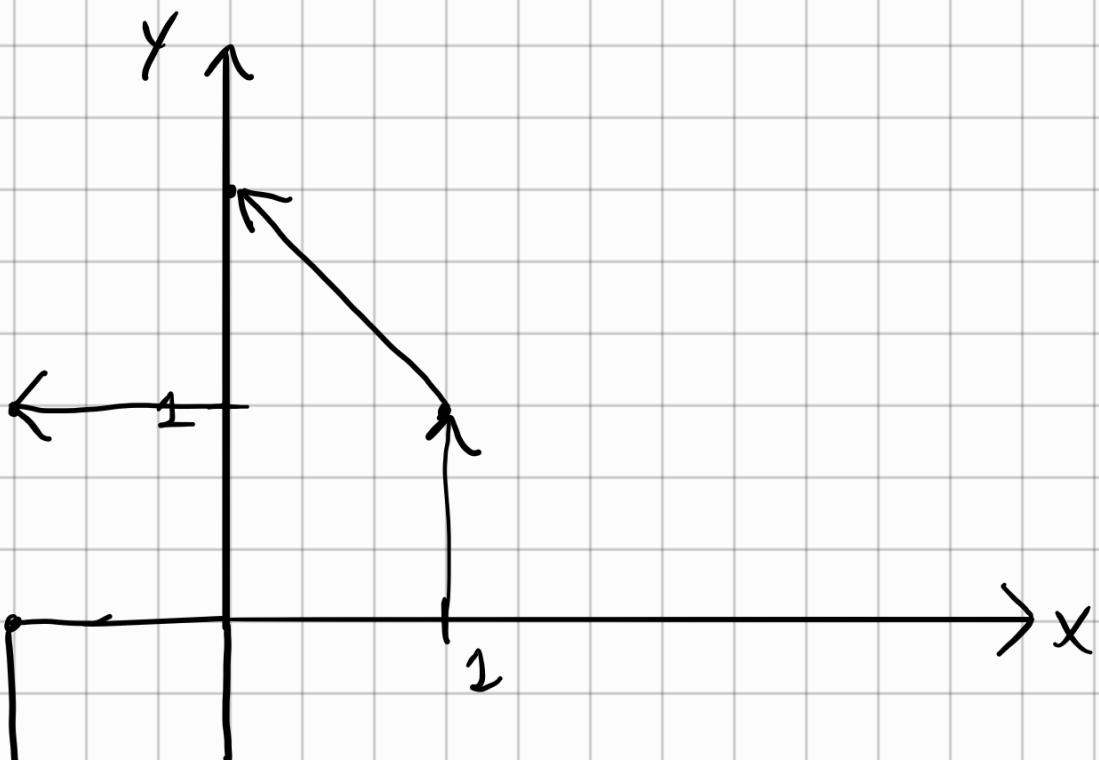




$$\text{Arbejde} = \vec{F} \cdot \vec{S}$$

$$\text{I fysik: } F \cdot s \cdot \cos(\vartheta)$$





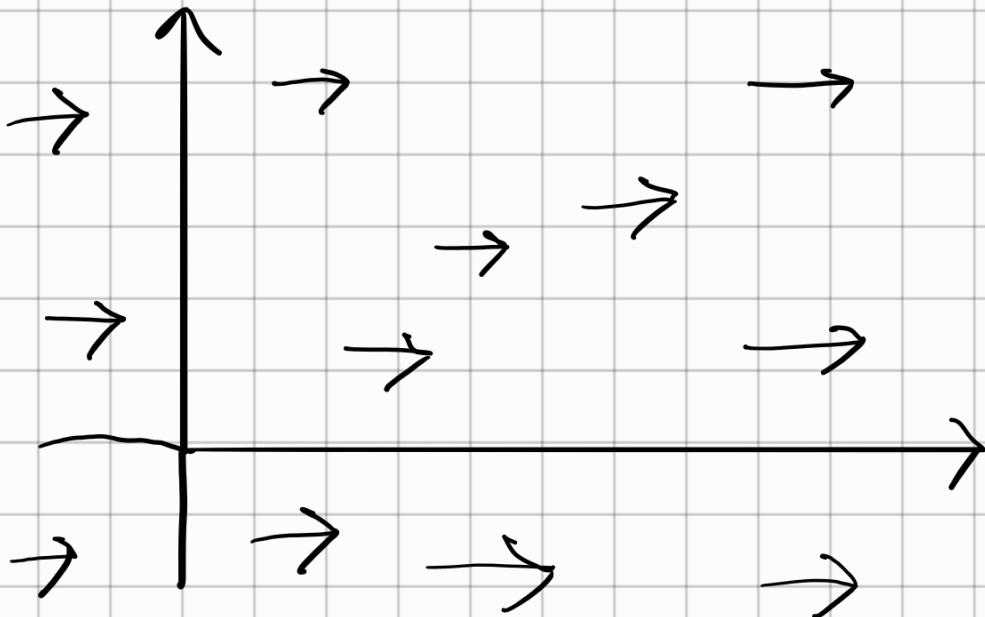
$$P(1,1) \Rightarrow \vec{v}(-1,1)$$

$$P(1,0) \Rightarrow \vec{v}(0,1)$$

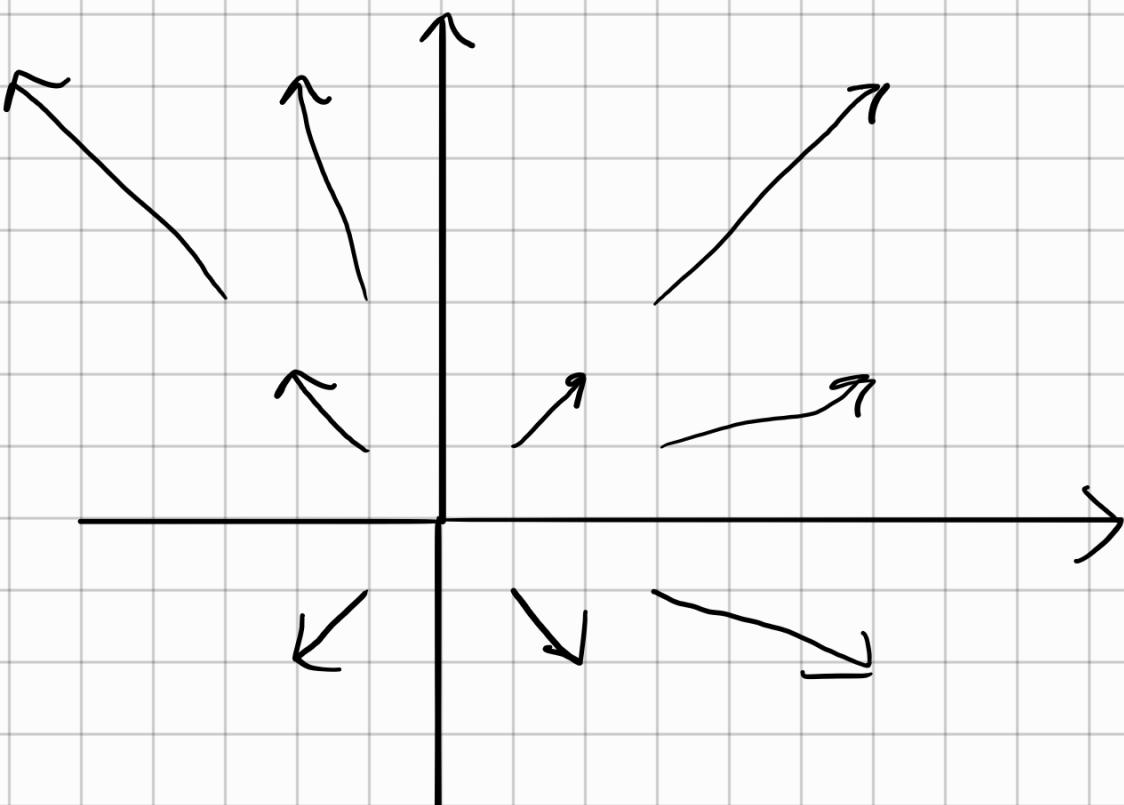
$$P(0,1) \Rightarrow \vec{v}(-1,0)$$

$$P(-1,0) \Rightarrow \vec{v}(0,-1)$$

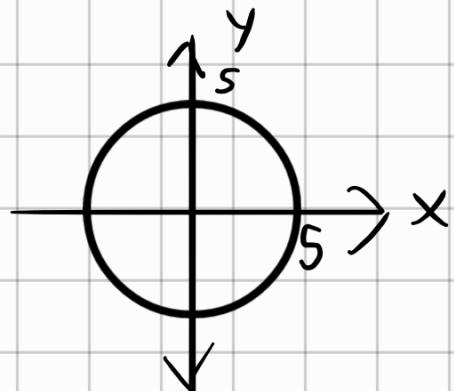
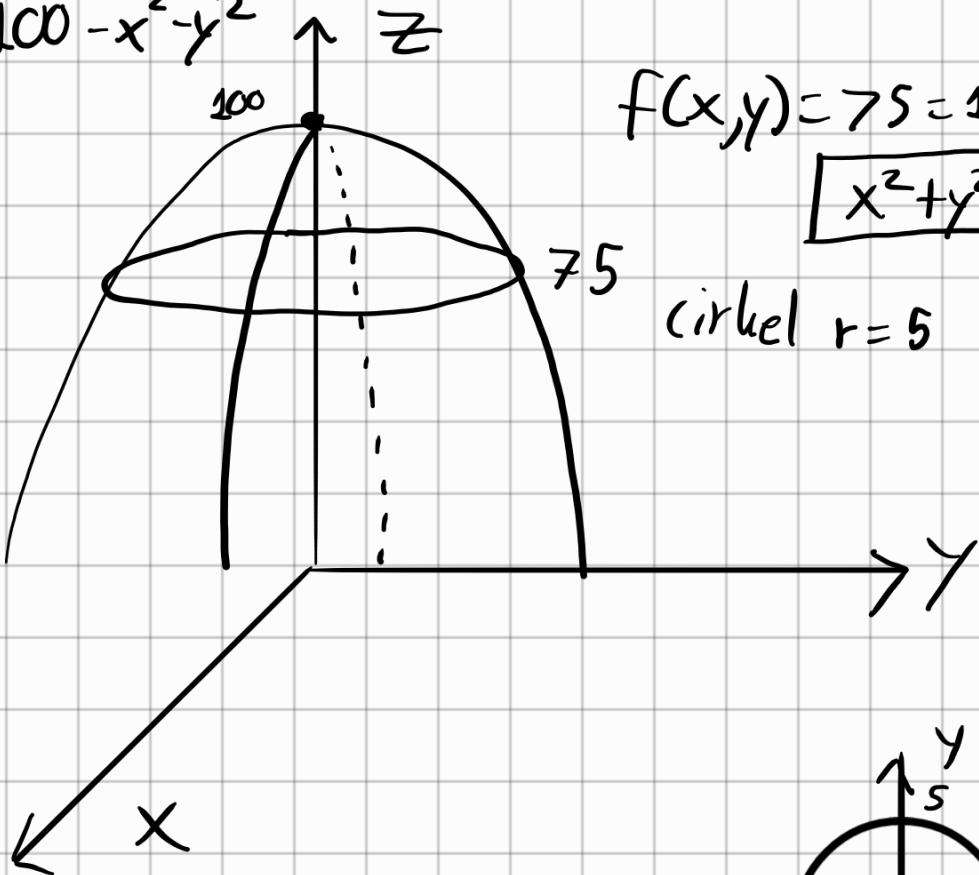
$$\vec{v} = (1, 0)$$

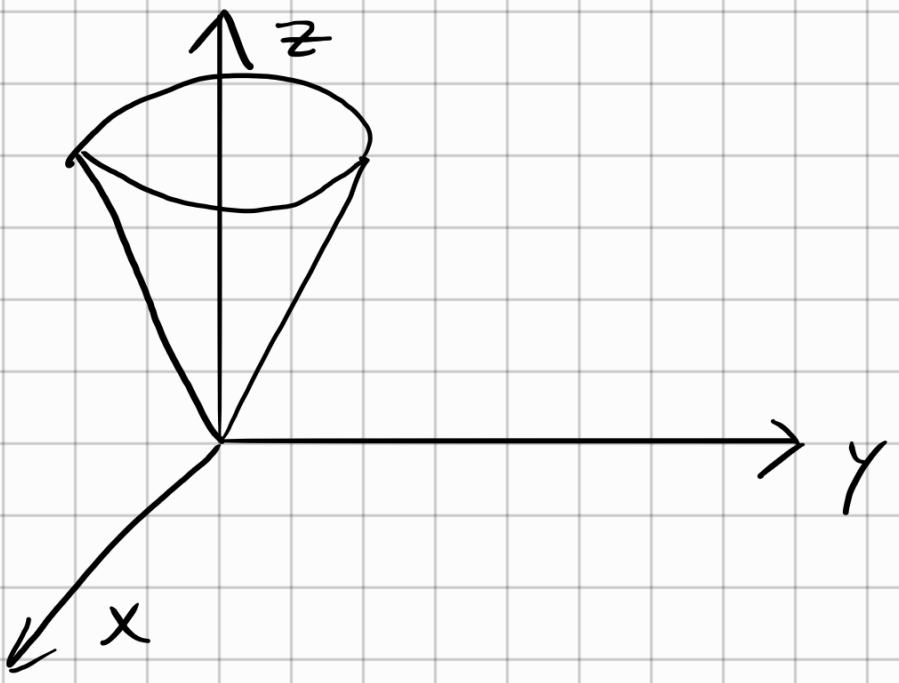


$$\vec{v} = (x, y)$$

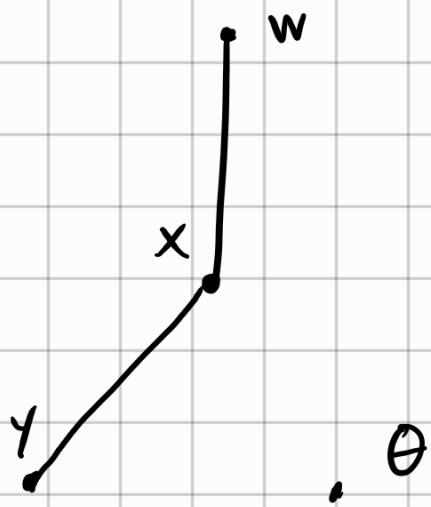


$$f(x,y) = 100 - x^2 - y^2$$





Hierarki eksempler



$w,$

$x.$

y

t

