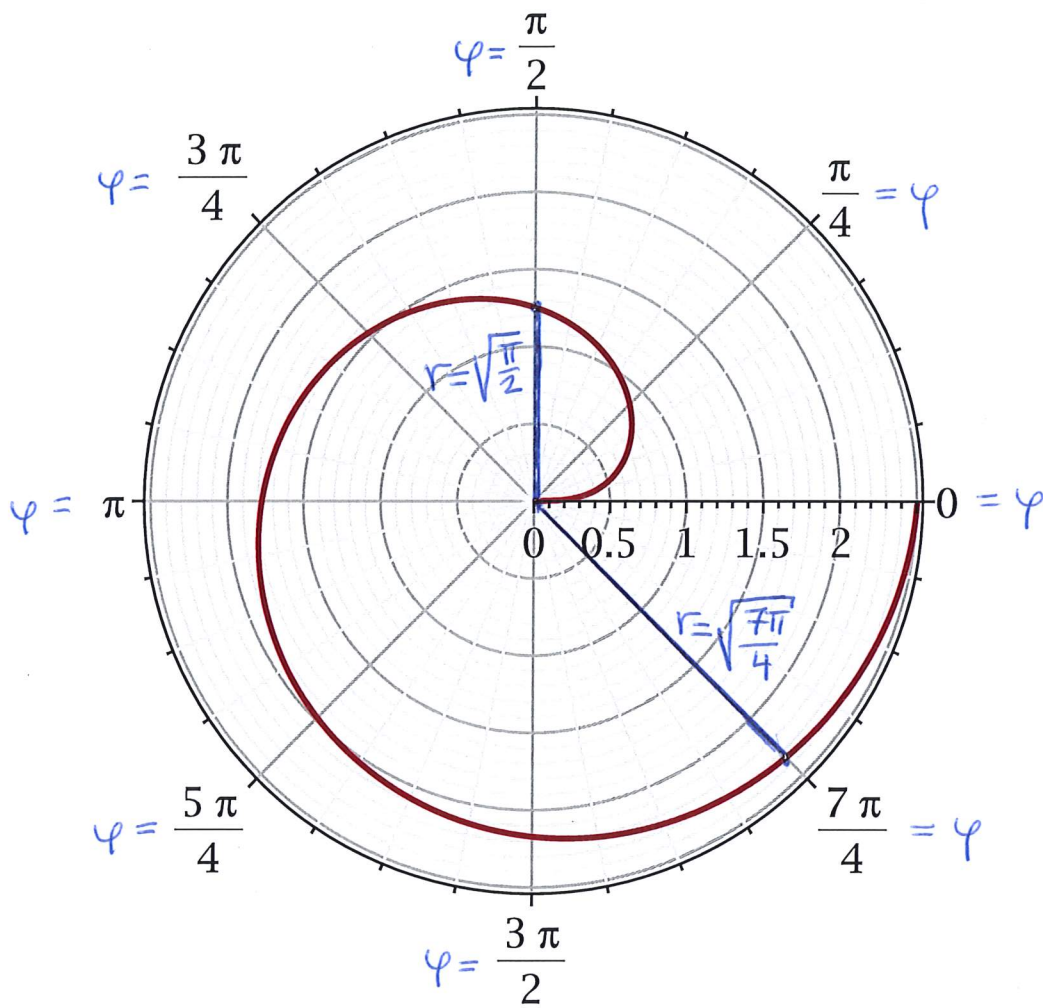
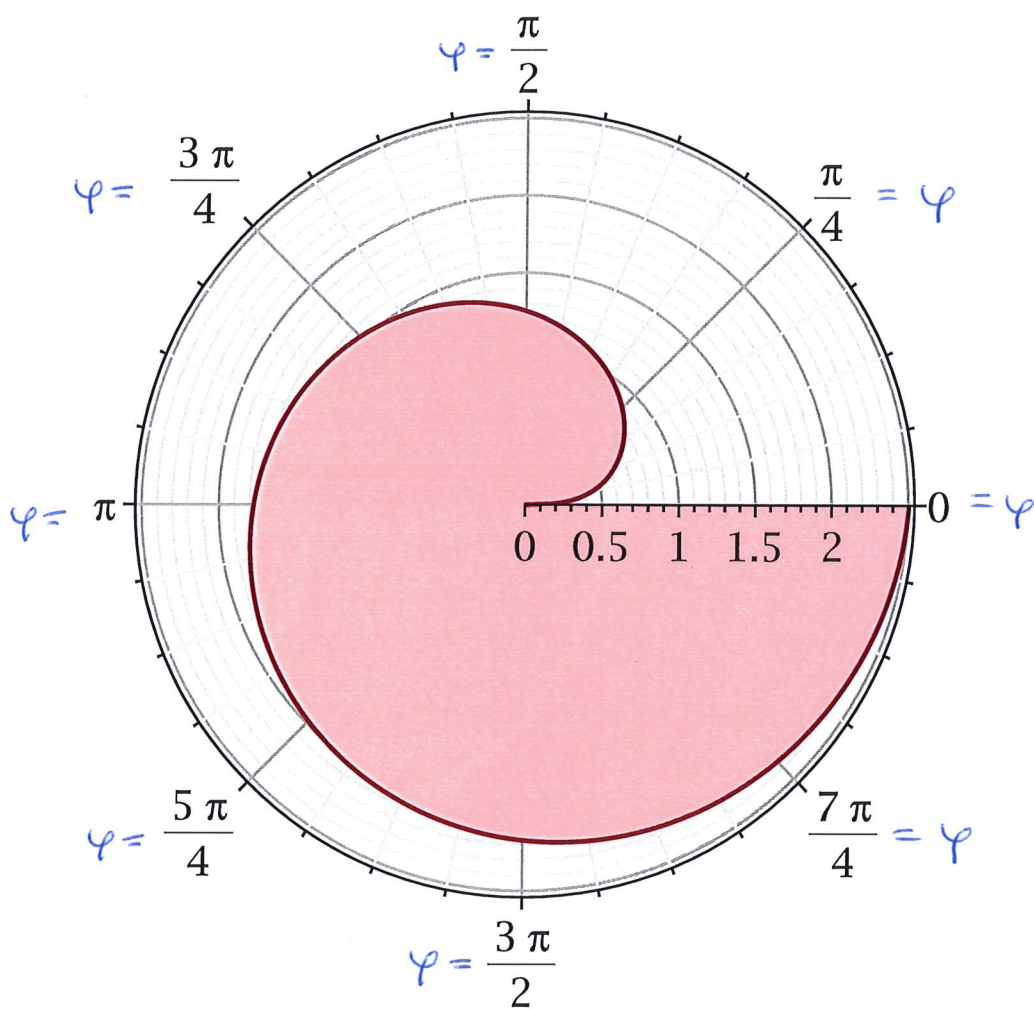
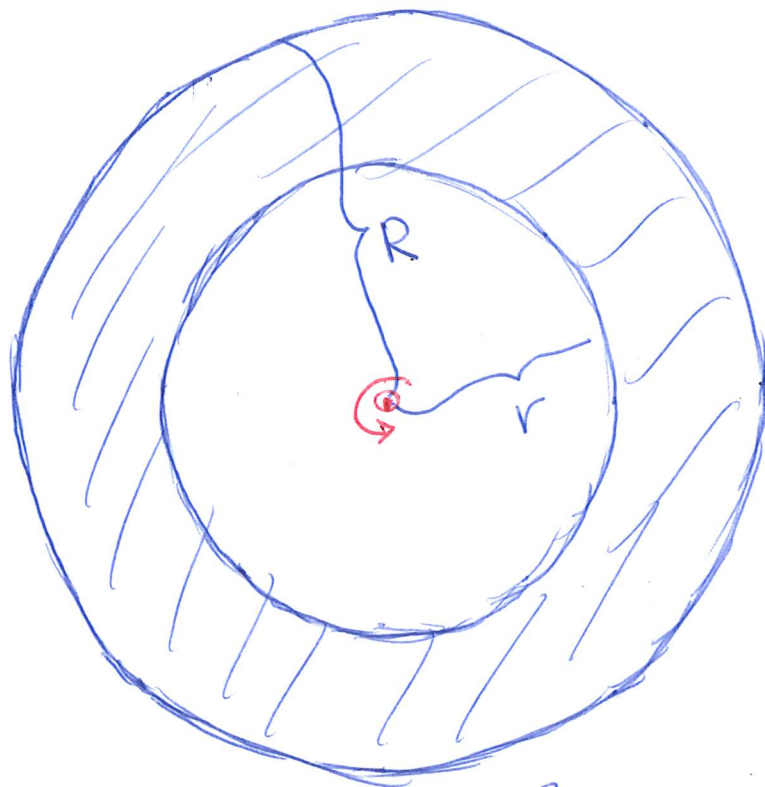
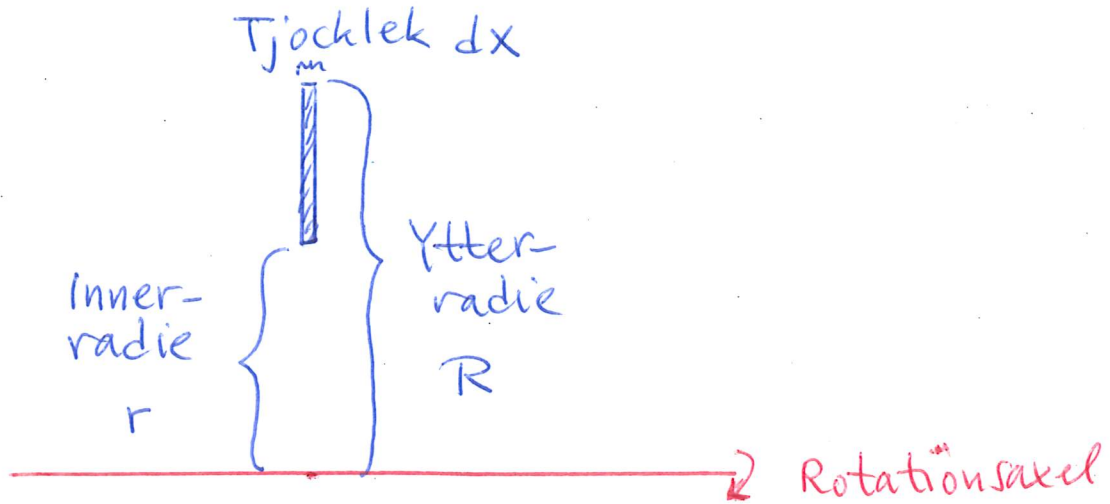


$$r = \sqrt{\varphi}, \quad 0 \leq \varphi \leq 2\pi \quad \text{Kurva}$$

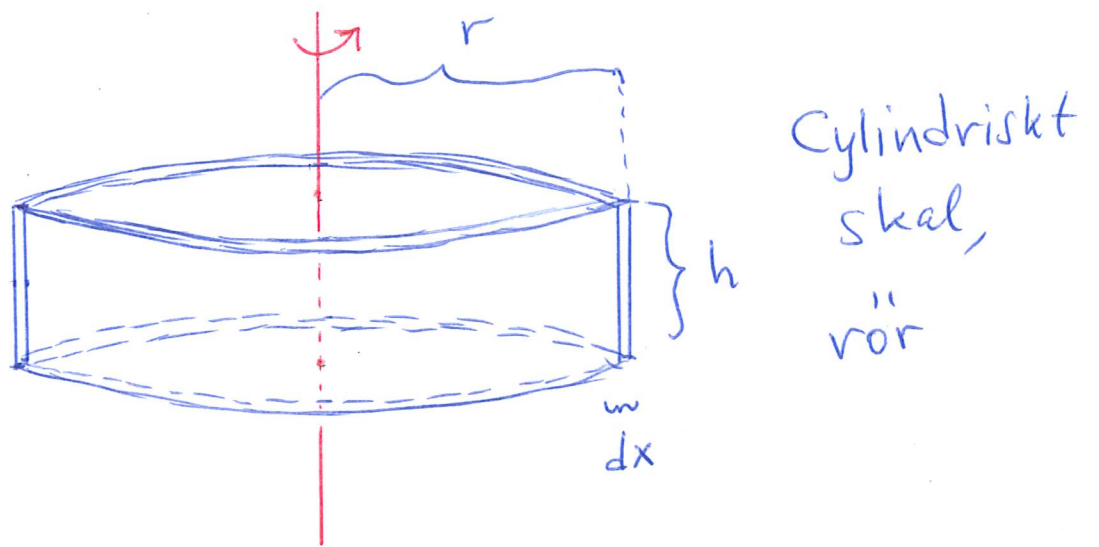
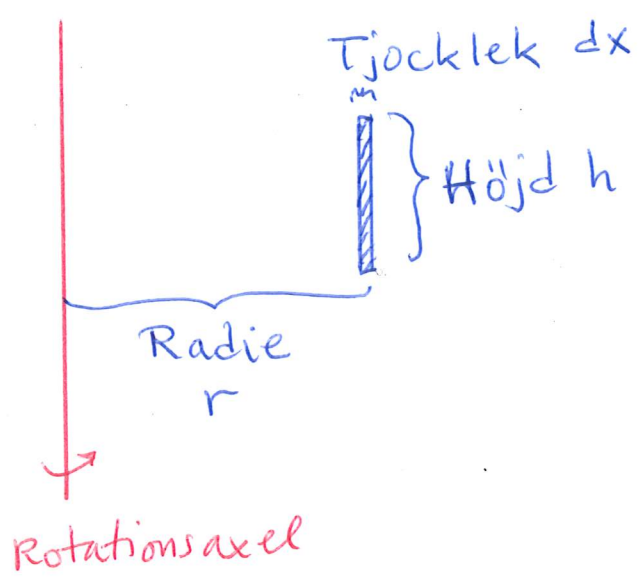


$$0 \leq r \leq \sqrt{\varphi}, \quad 0 \leq \varphi \leq 2\pi \quad \text{Område}$$

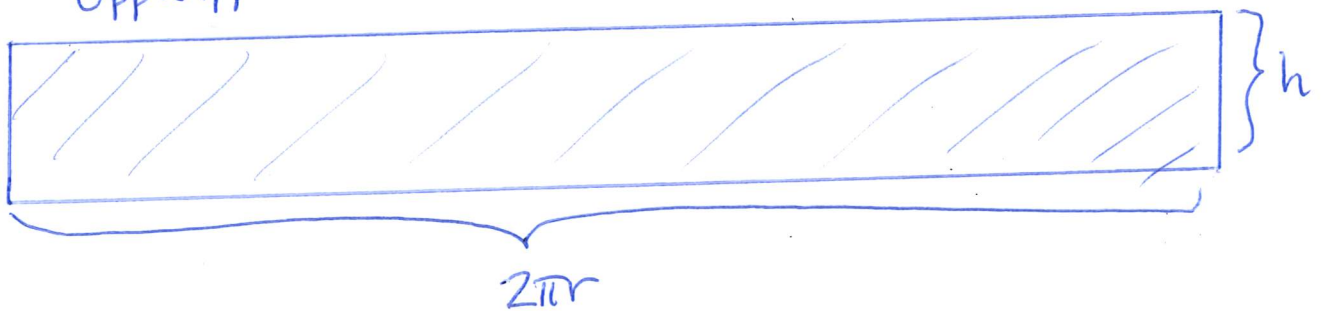




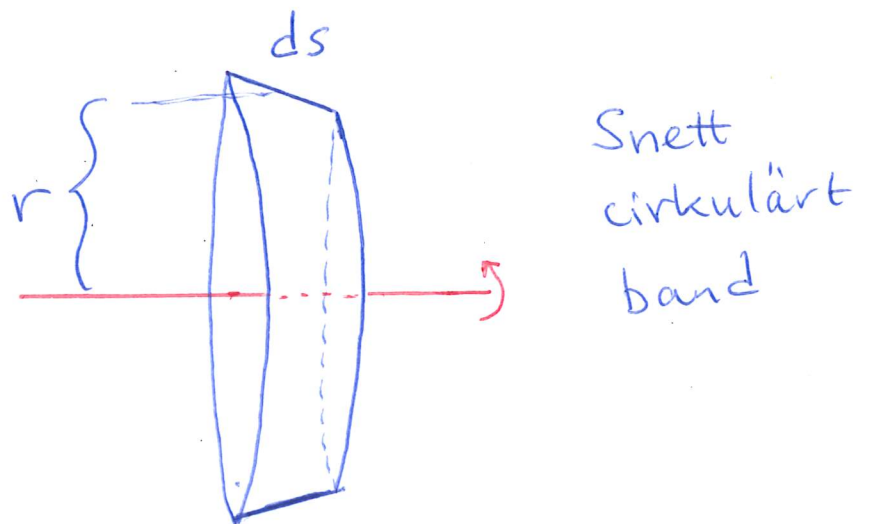
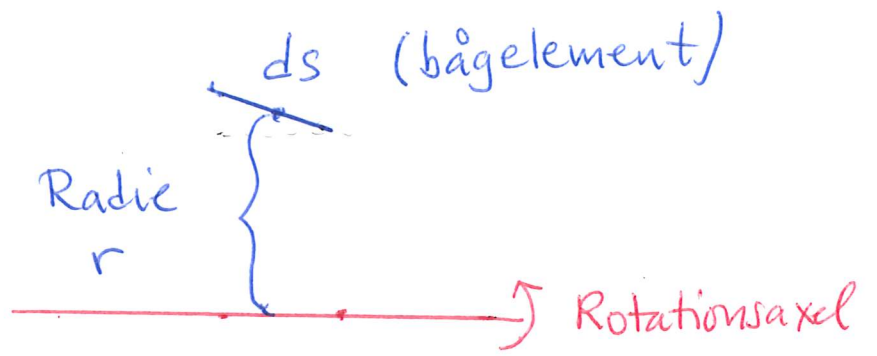
Tvärsnittsarea = $\pi R^2 - \pi r^2$
 (cirkelring om $r > 0$,
 cirkelskiva om $r = 0$)
 Volym $dV = (\pi R^2 - \pi r^2) \cdot dx$



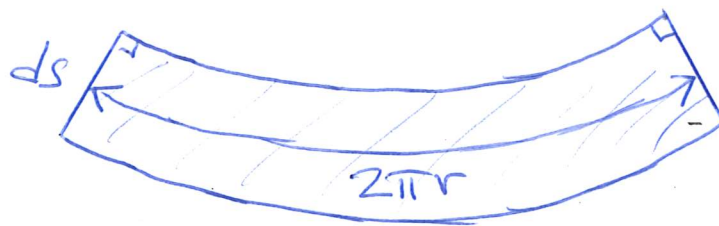
Uppklippt:



$$\text{Volym } dV = 2\pi r \cdot h \cdot dx$$



Uppklippt:



$$\text{Area } dA = 2\pi r \cdot ds$$