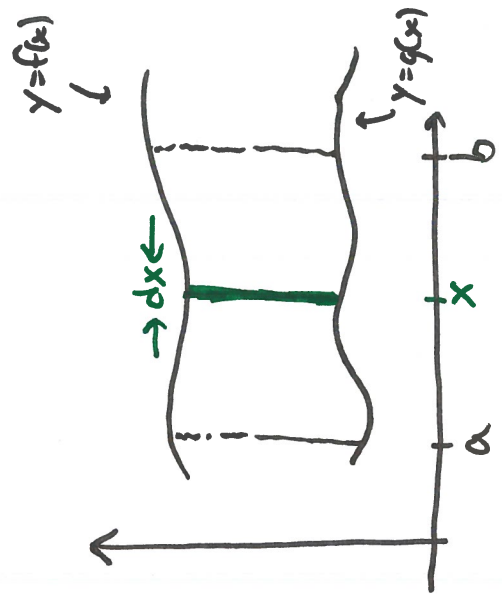


VOLUM AV OMDREININGSLEGGEMER

Dersom området \rightarrow

dreies rundt \downarrow

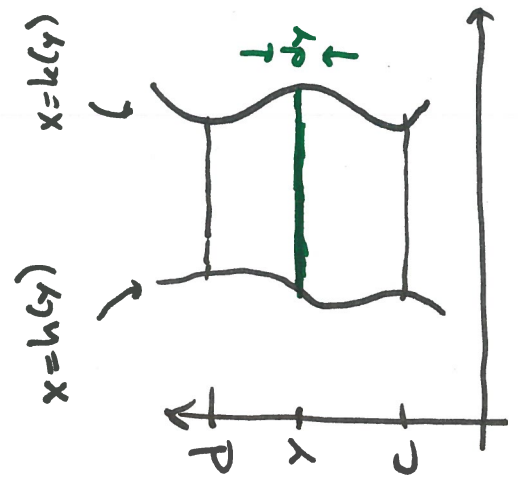


x-aksen : Skivemetoden

$$V = \pi \int_a^b [f(x)^2 - g(x)^2] dx$$

y-aksen : Sylinderkallmetoden

$$V = 2\pi \int_a^b x [f(x) - g(x)] dx$$



Sylinderkallmetoden

$$V = 2\pi \int_c^d y [k(y) - h(y)] dy$$

Skivemetoden

$$V = \pi \int_c^d [k(y)^2 - h(y)^2] dy$$