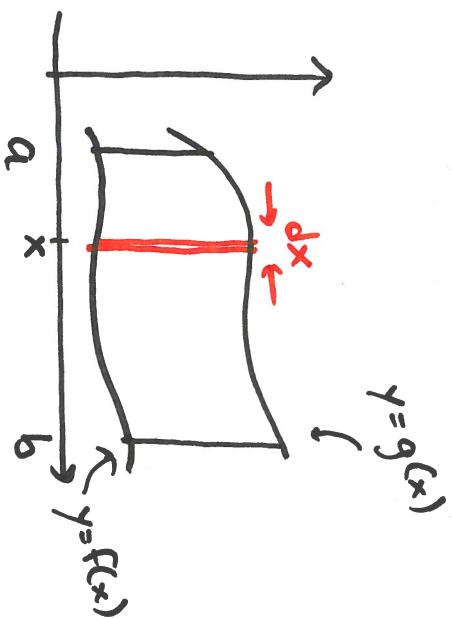


VOLUM AV OMDREIINGSLEGEMER (om x- og y-aksen)

Person
området R →
dreies om
↓



Skivemetoden

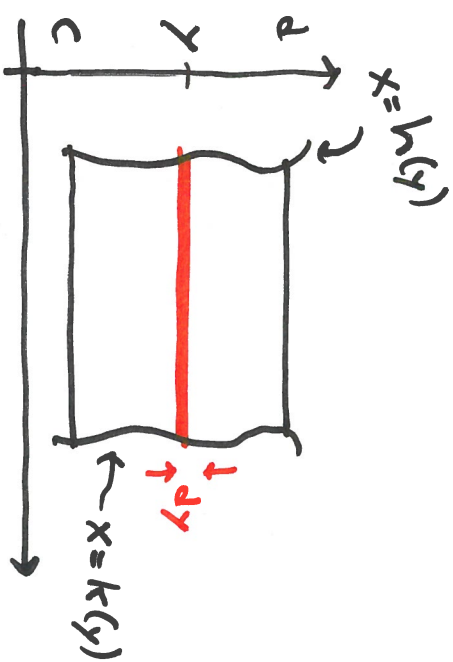
X-aksen:

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

Sylinderskallmetoden

Y-aksen:

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



Sylinderskallmetoden

Y-aksen:

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

X-aksen:

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