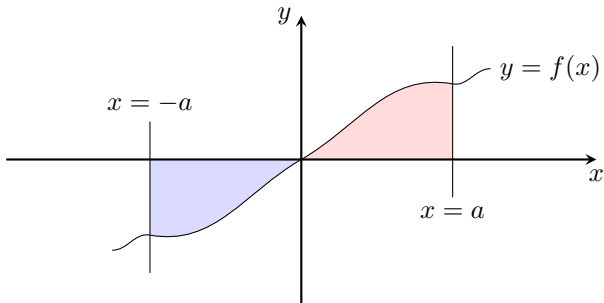


Jos $f(-x) \equiv -f(x)$, niin $\int_{-a}^a f(x) dx = 0$.



$$A = \text{red area} - \text{blue area} = 0$$