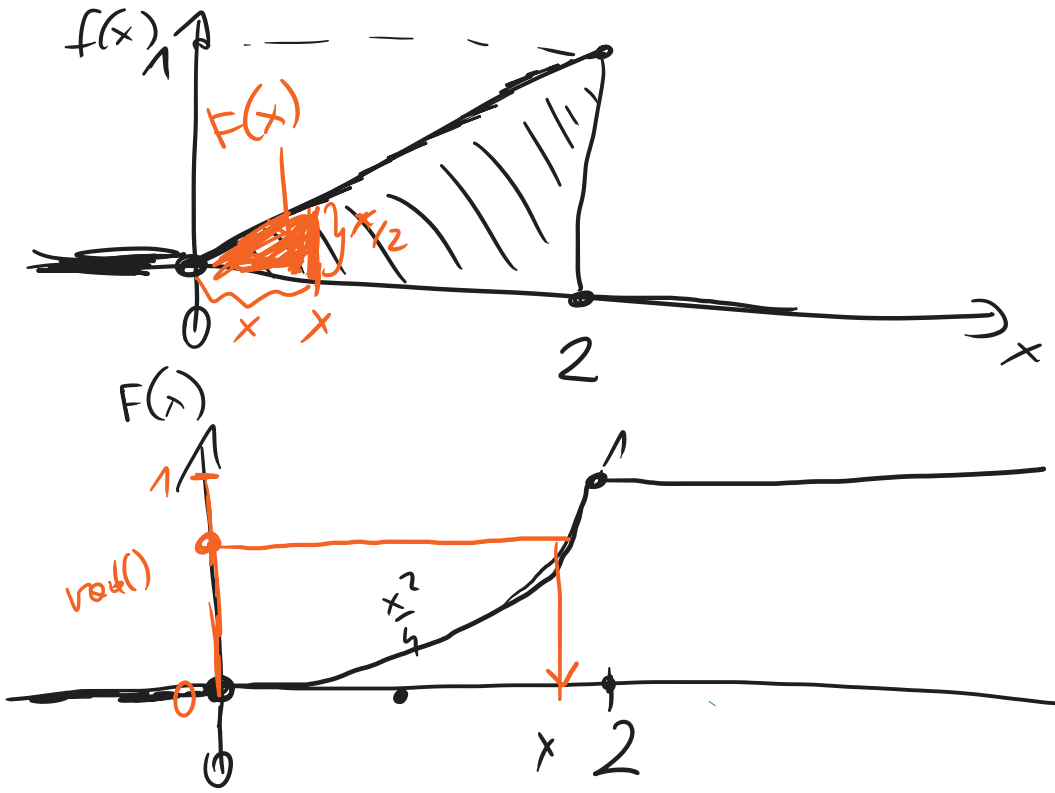
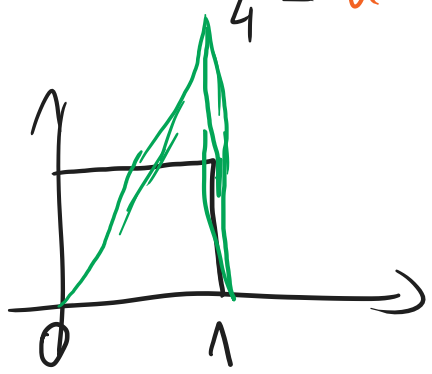


$$f(x)=\begin{cases}0, & \text{gdy } x<0\\ \frac{1}{2}x, & \text{gdy } x\in(0,2)\\ 0, & \text{gdy } x>2\end{cases}$$

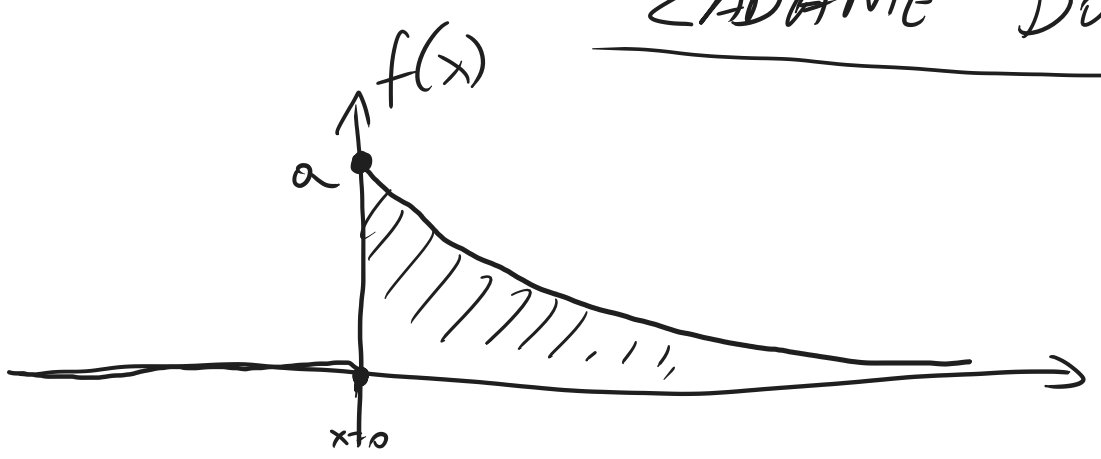
$$\frac{1}{2}\cdot x\cdot\frac{x}{2}=\frac{x^2}{4}$$

$$\frac{x^2}{4}=u \rightarrow x=2\sqrt{u}$$



2 * sqrt(rand)

ZADANIE DOMOWE



$$f(x)=\begin{cases}ae^{-ax} & x\geq 0\\ 0 & \text{dla } x<0\end{cases}$$