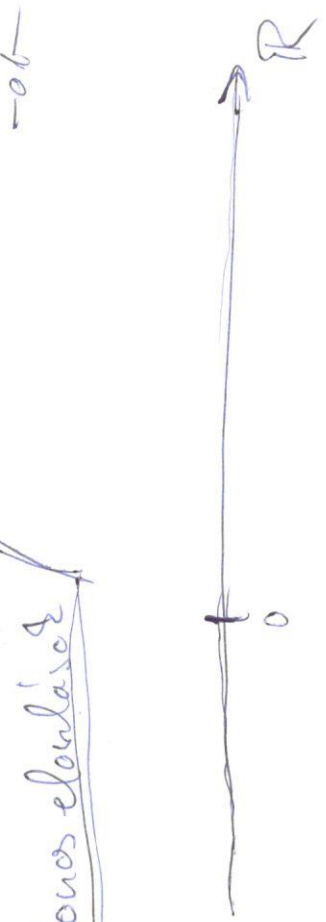
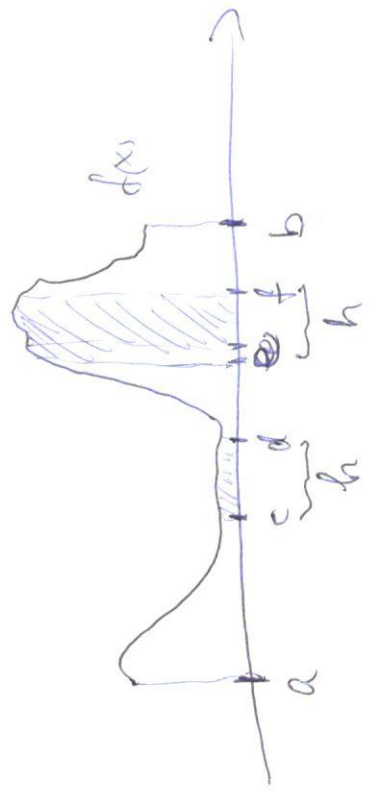


Folytatózat elonlások



$\forall x_0 \in \mathbb{R} \quad P(X=x_0) = 0$

Mi jellemzi akkor: Δ for. $f(x)$

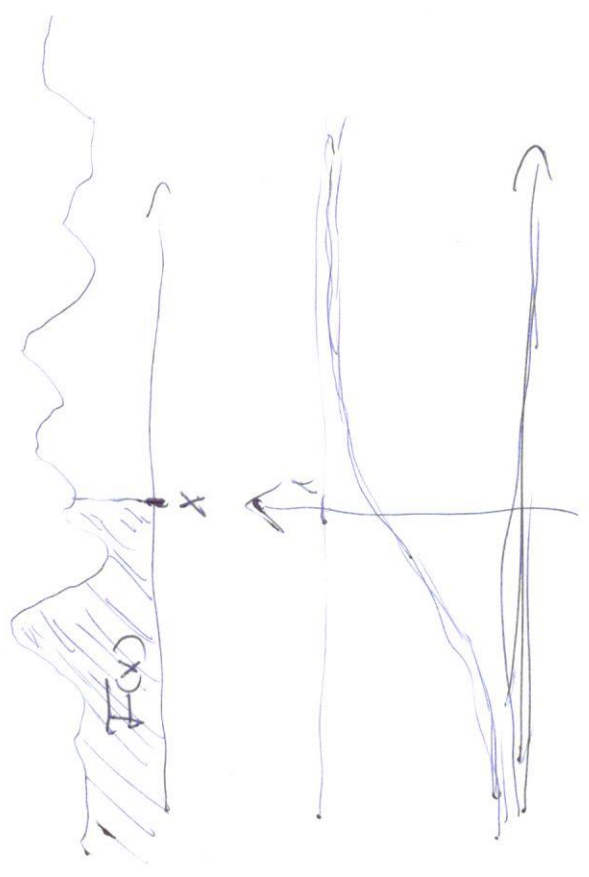


$\int_a^b f(x) dx = 1 \quad f(x) \geq 0$

$\int_{-\infty}^{\infty} f(x) dx = 1$

Elonlók for: $F(x)$

$F(x) = \int_{-\infty}^x f(t) dt \quad F'(x) = f(x)$



$P(X \in (a, b)) = \int_a^b f(x) dx = F(b) - F(a)$