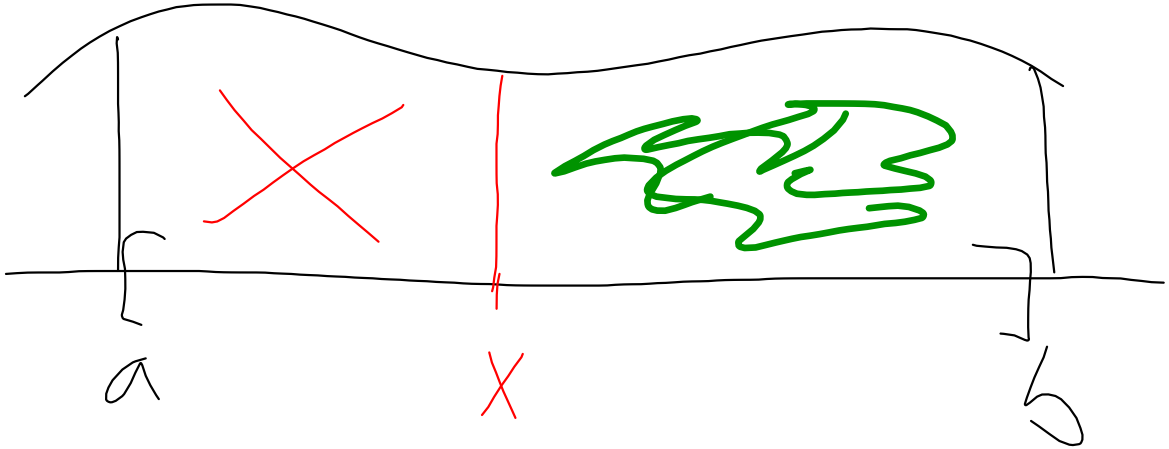
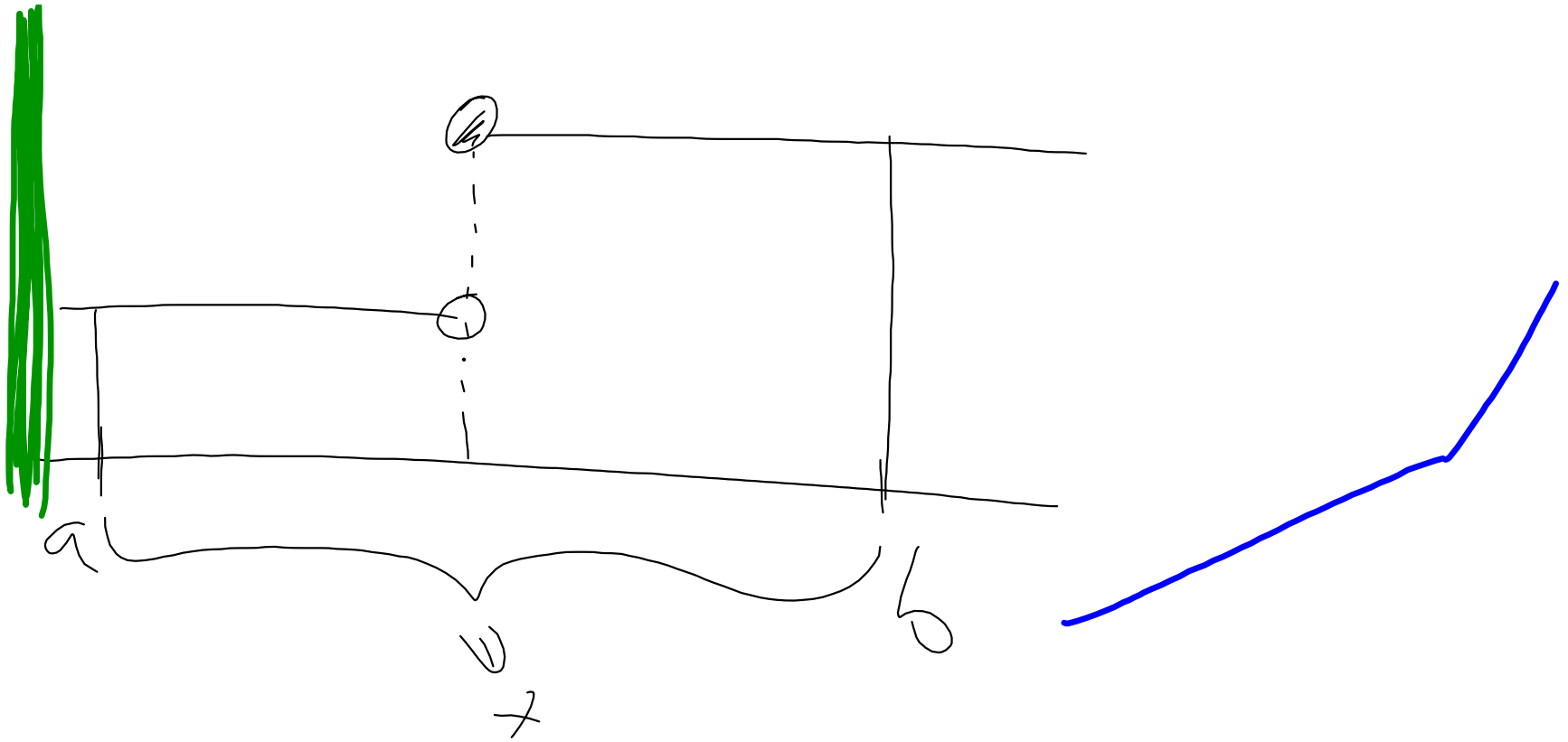
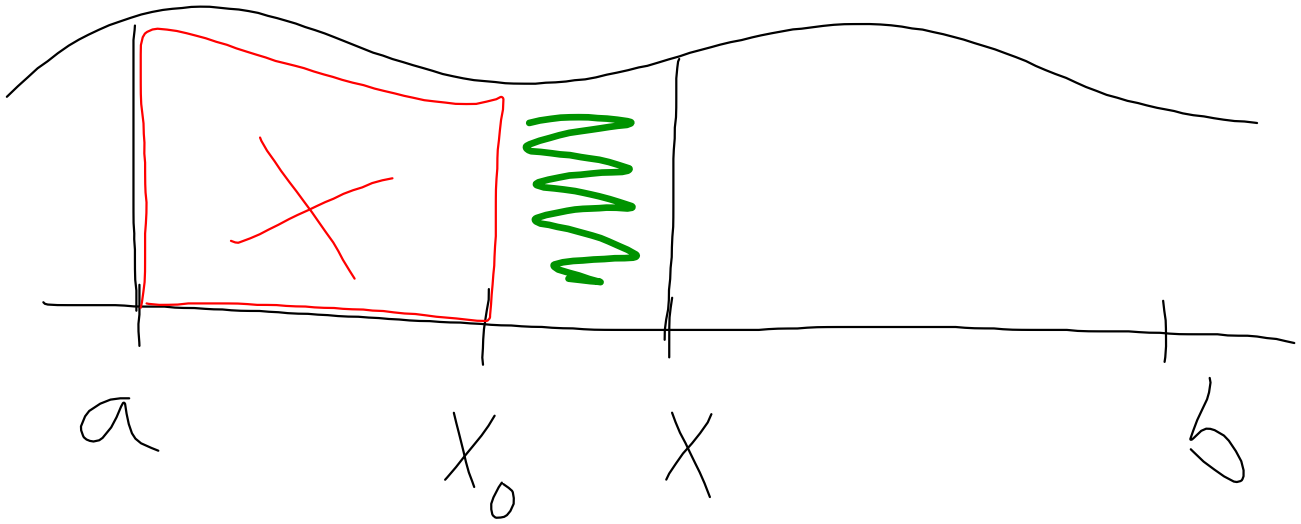
$$\frac{\int_{45}^{65}\left(\int_{1500}^{2300} V_{ZOZEC}(m,n)\,dm\right)dn}{800 \cdot 20}$$

$$F(x) = \int_0^x t^2 \, dt = \left[\frac{t^3}{3} \right]_0^x = \frac{x^3}{3} - 0$$

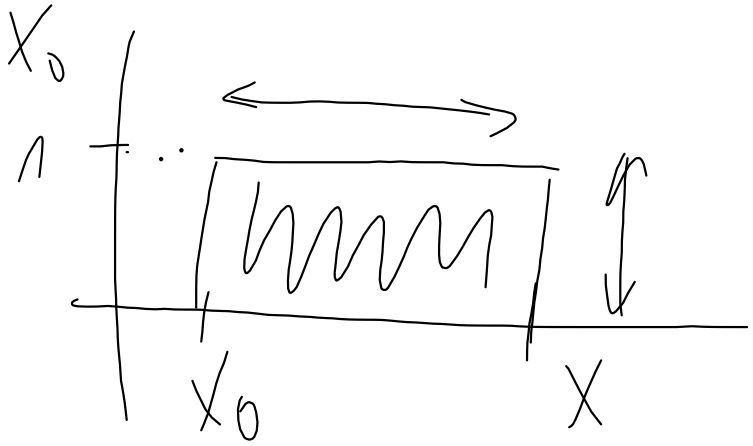
$$= \frac{x^3}{3}$$


a
x
b

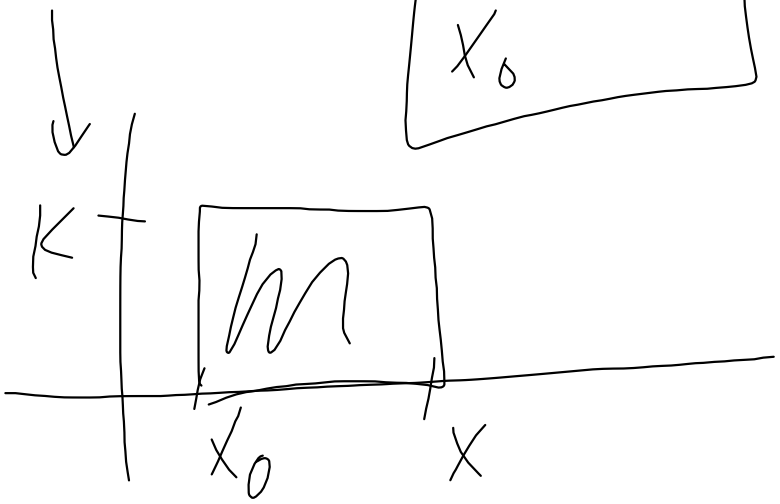

a
b
x

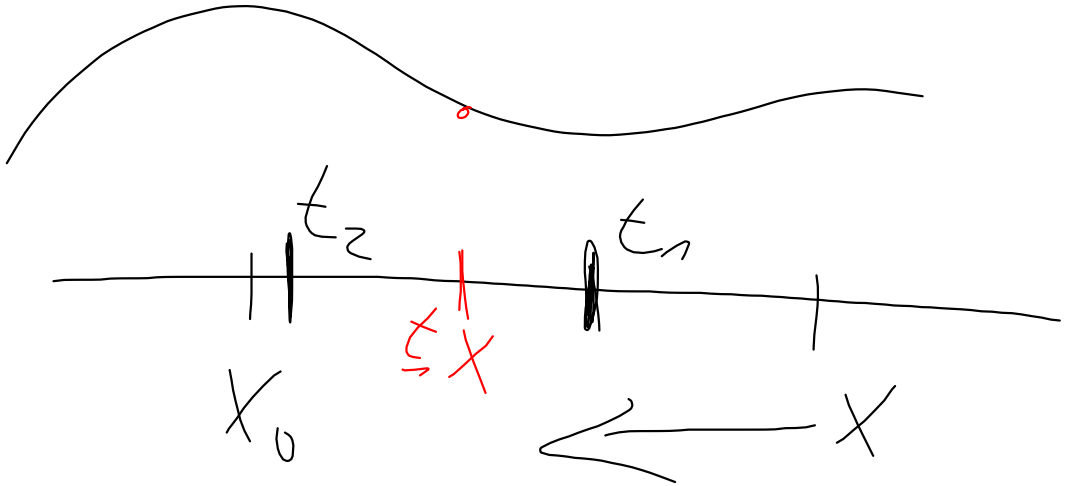

a
x_0
x
b

$$\int_{x_0}^{x} K \, dt = K \cdot \int_{x_0}^{x} 1 \, dt$$



$$\int_{x_0}^{x} |f(t)|\,dt \leq \int_{x_0}^{x} K\,dt = K \cdot \int_{x_0}^{x} 1\,dt$$




t_2
t_1
$t_2 - t_1$
x_0
x

x^2 ... pri. fce $F(x) = \int_0^x t^2 \, dt$

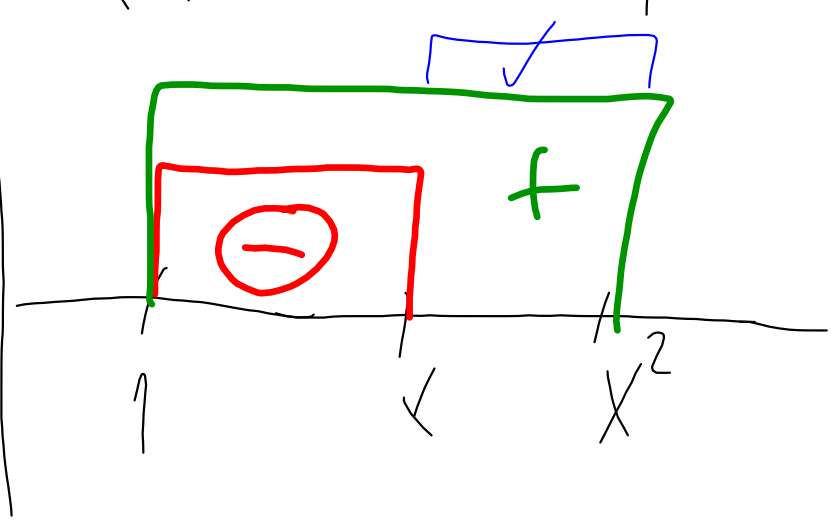
$\frac{\sin x}{x}$ ... — " — $F(x) = \int_0^x \frac{\sin t}{t} \, dt$

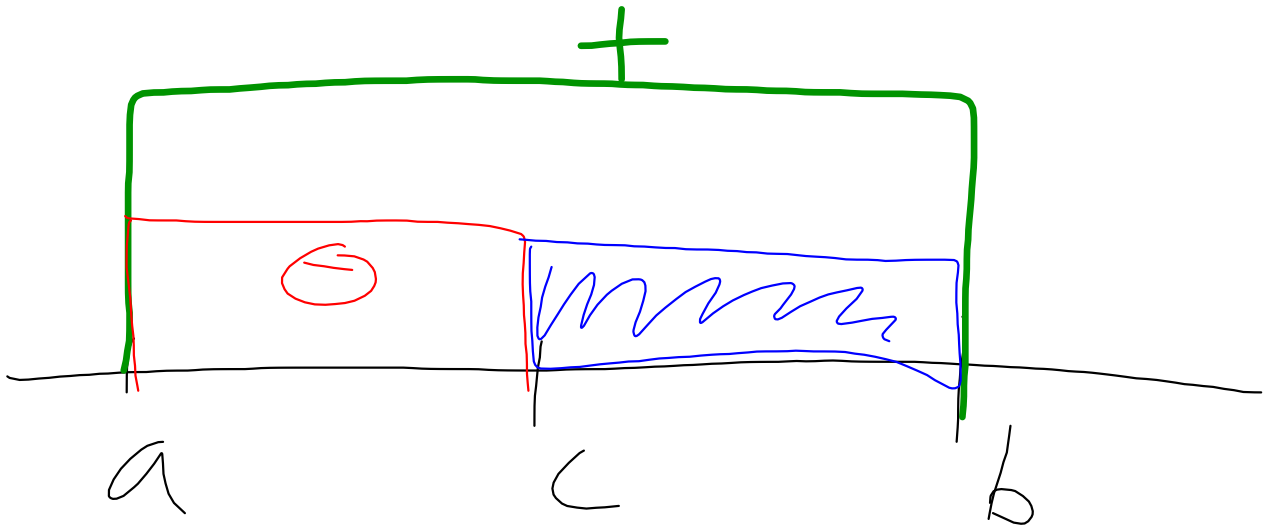
$$\left(\int_1^{x^2} \frac{1}{t}\, dt \right)' = \frac{1}{x^2} \cdot 2x = \frac{2}{x}$$

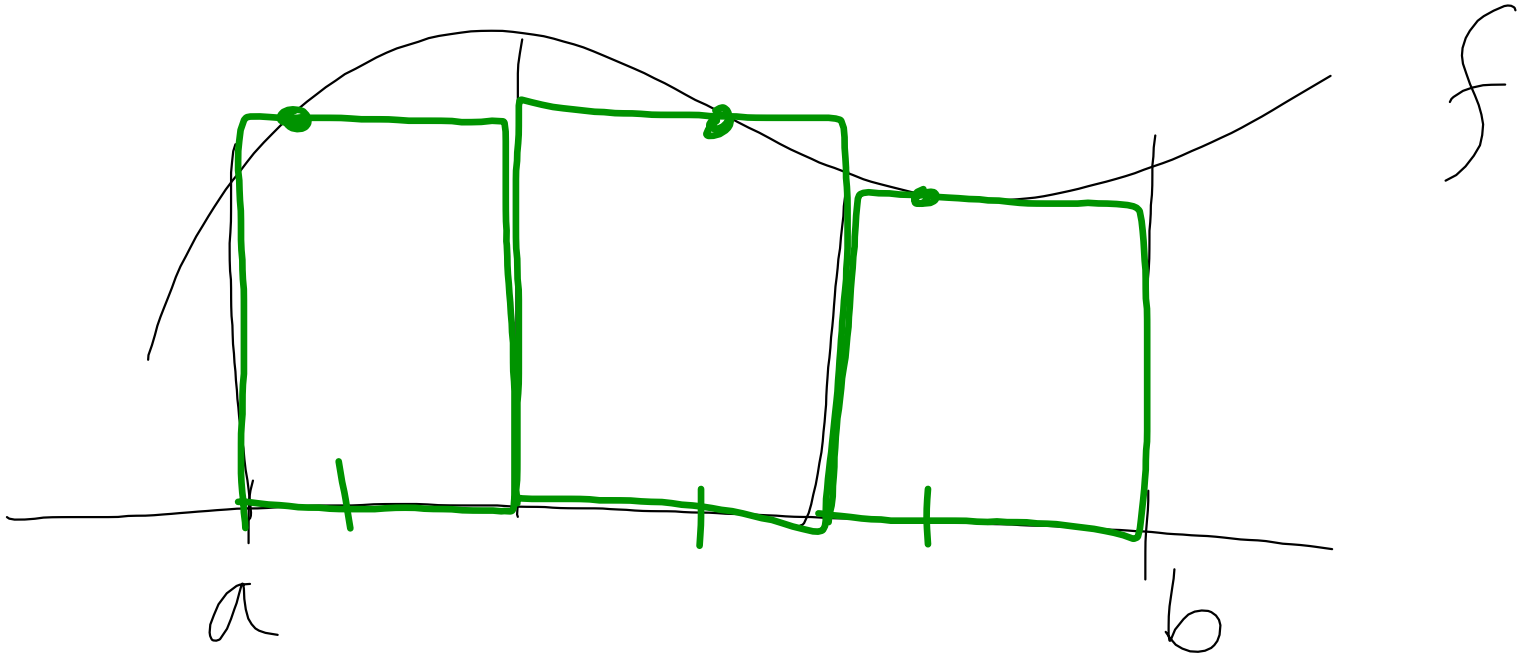
$$\left(\int_x^{x^2} \ln t \, dt\right)' = \left(\int_x^1 \ln t \, dt + \int_1^{x^2} \ln t \, dt\right)' =$$

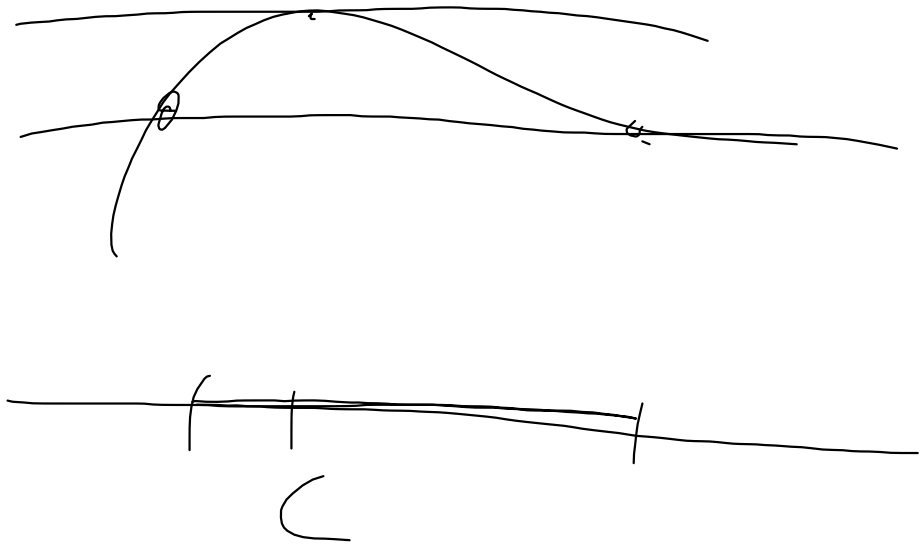
$$= -\ln x + \ln x^2 \cdot 2x$$

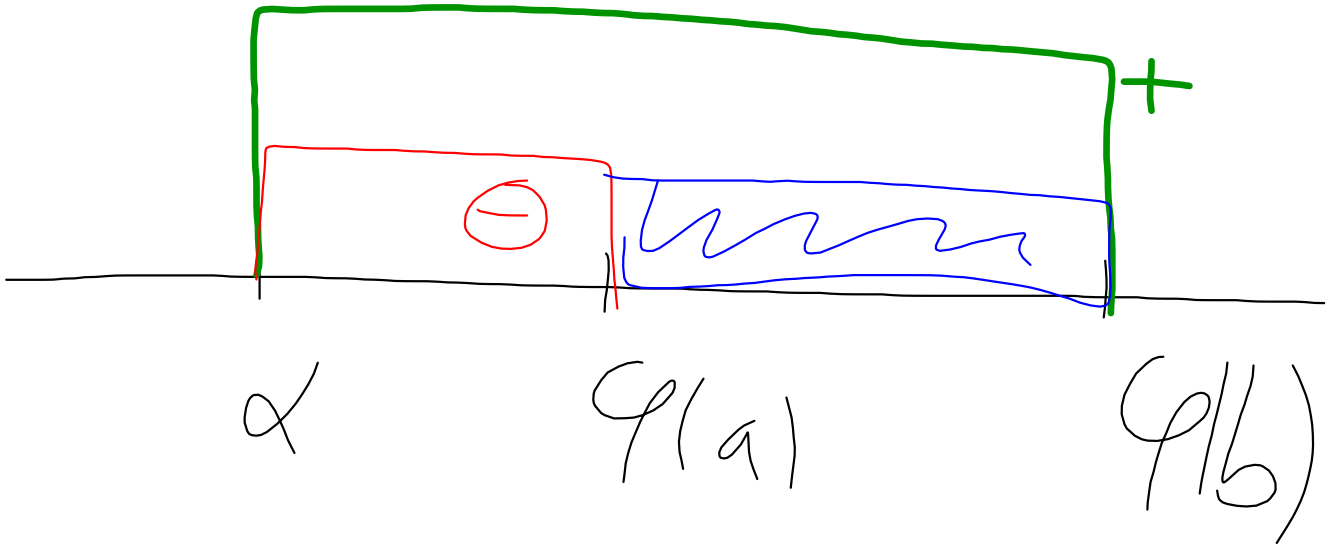
$$= (4x - 1) \ln x$$

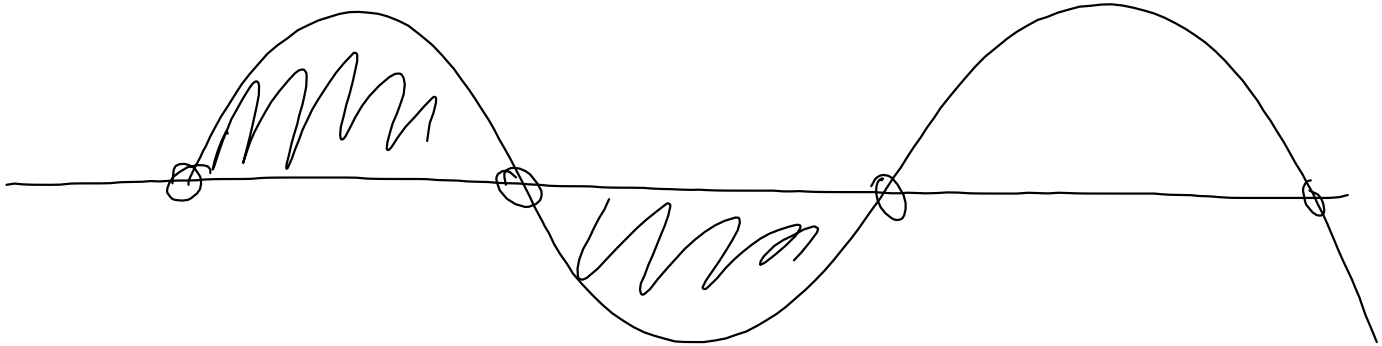



+
−
a
c
b


f
a
b




+
−
a
φ(a)
φ(b)



$$\int_{7}^{3} f(x)\,dx = \left| \begin{array}{l} 3 \to -2 \\ 7 \to 12 \end{array} \right| = \int_{12}^{-2} f(t)\,dt$$