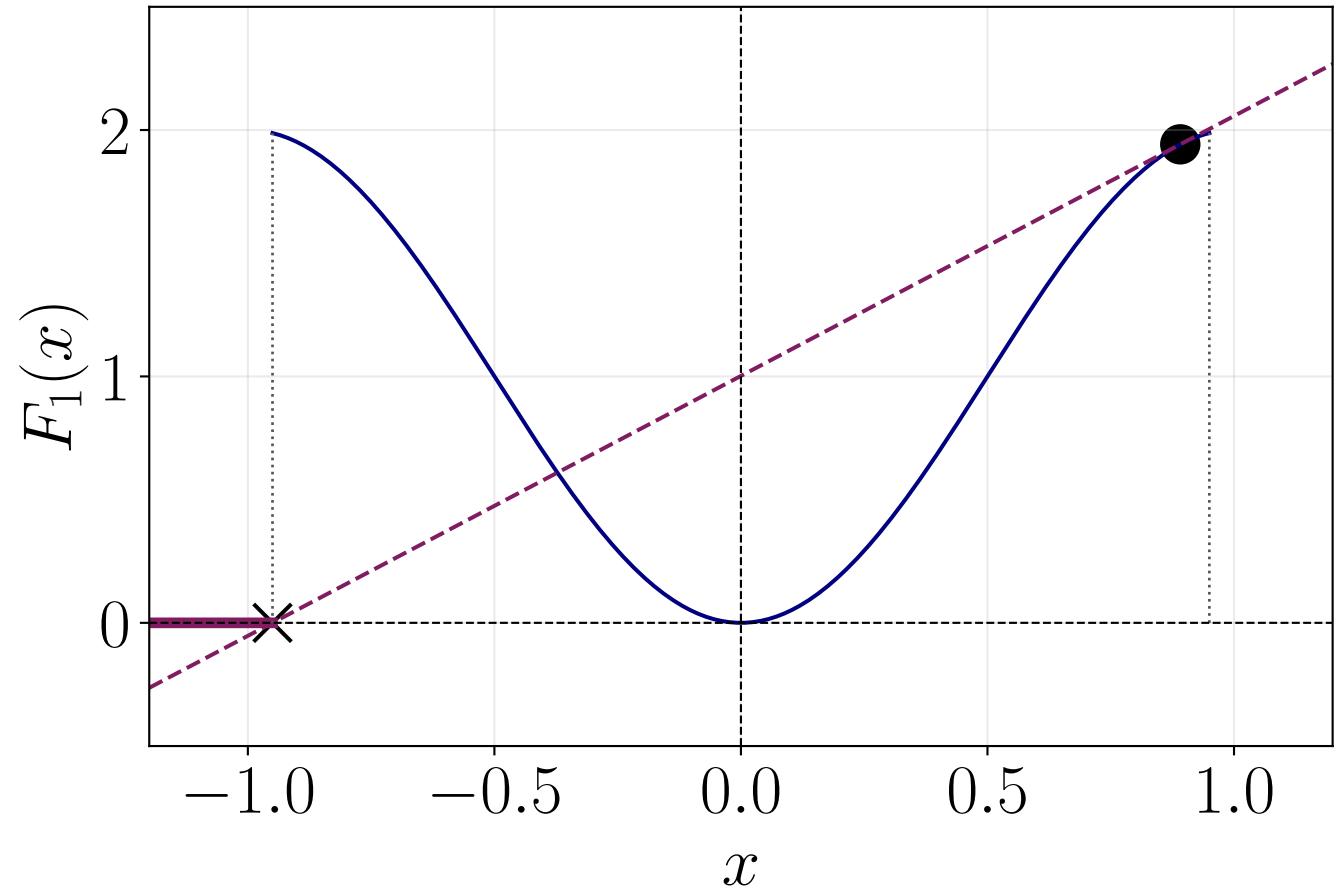Linearized Objective $\ell_{F_1}(x, x^{(t)})$

Legend:
- $F_1(x)$
- $\ell_{F_1}(x, x^{(t)})$
- $\{\ell_{F_1}(x, x^{(t)}) \leq 0\}$
- $\bullet$ $(x^t, F_1(x^t))$
- $\times$ $x^{t+1} = -0.95$