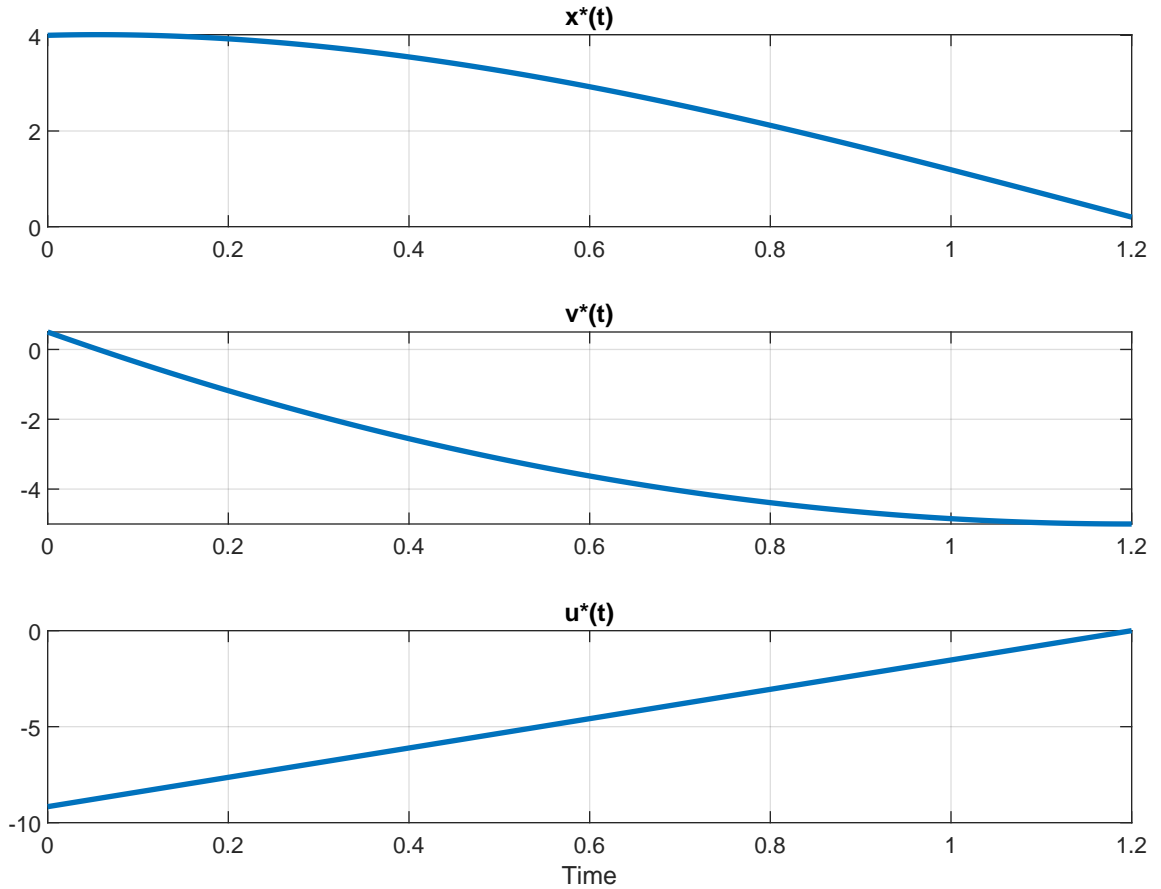


## Problem 2.2a - Intercept



$$\sigma_{a_x} = 76.3889$$

$$\sigma_{a_v} = 0$$

$$\text{Control effort} = 33.6111$$