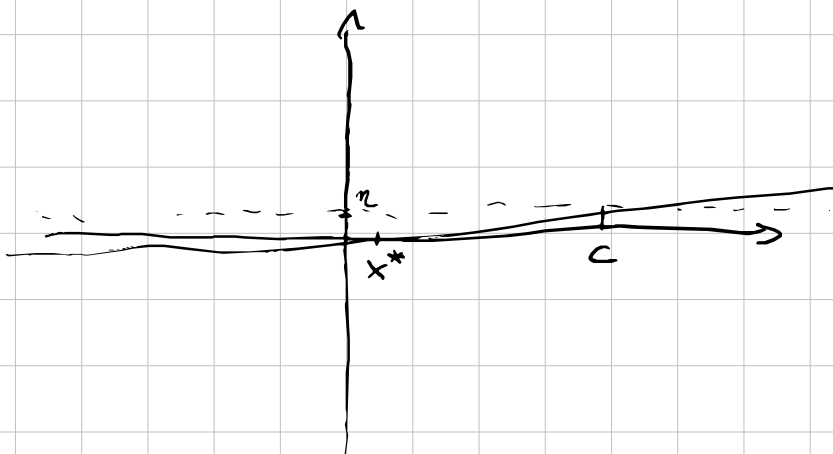
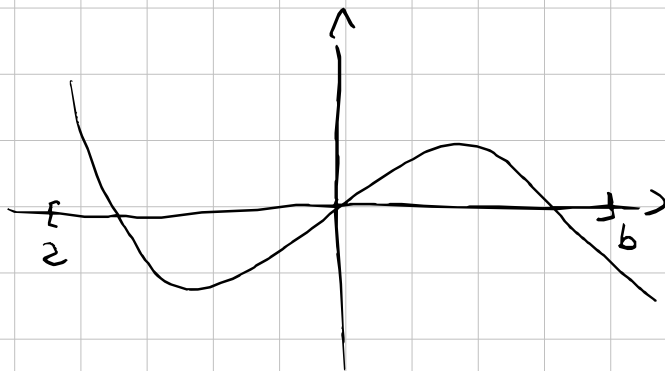
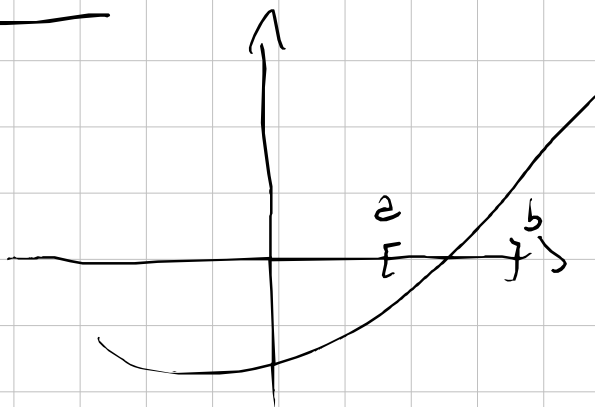


Bisection



$$f(x^*) = 0$$

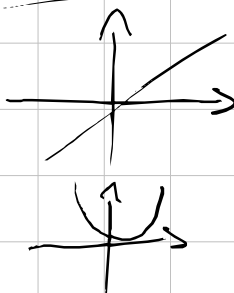
$$|f(c)| < \eta \quad \checkmark$$

~~if~~
 $|x^* - c|$ is small!

$$\lim_{x \rightarrow 0} \frac{x^3 + x}{x^2} = ?$$

$$x - 1 = 0$$

$$(x - 1)^2 = 0$$



$$(x - 1)(x + 3) = 0$$