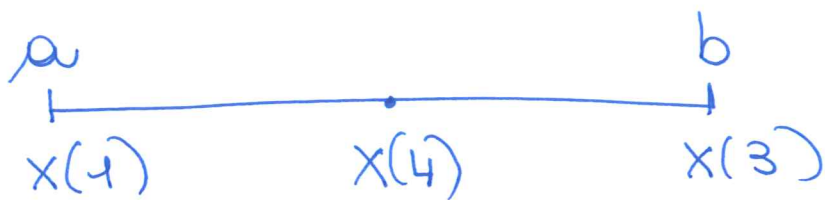


$$x(3) = \frac{a+b}{2}$$

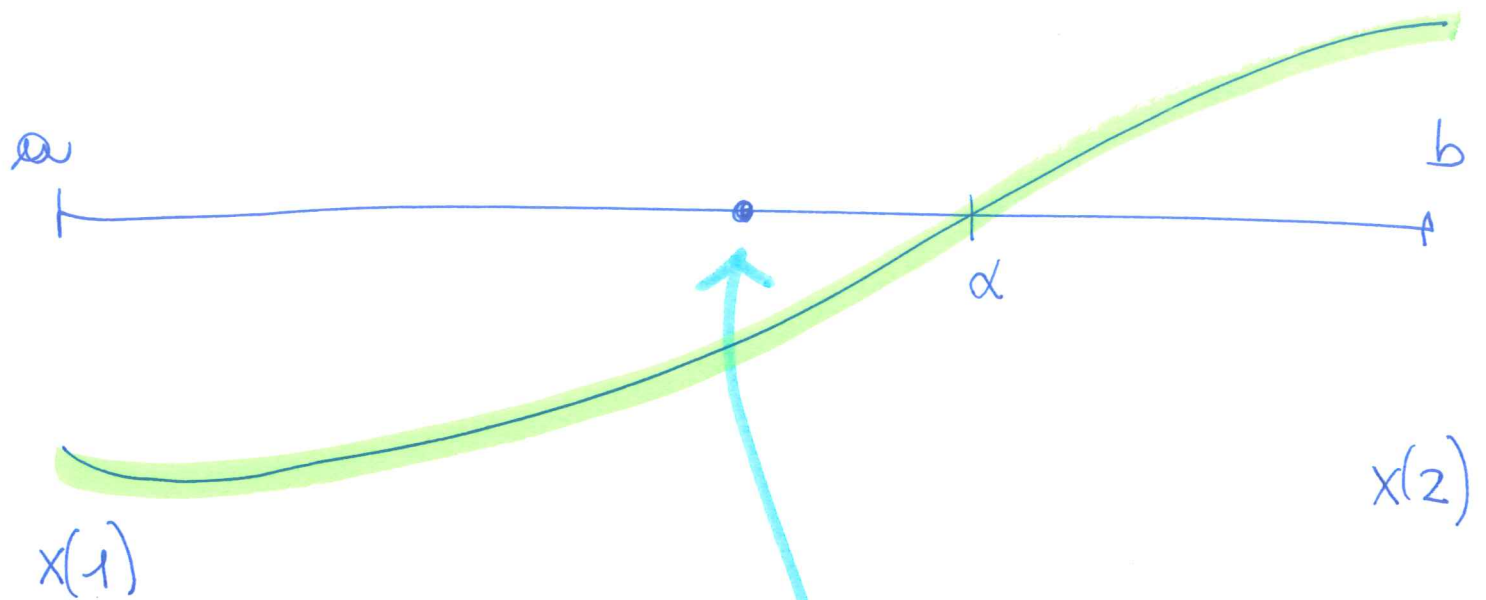
$$f(x_k) = f(x(3))$$

$$\text{fa. } f(x_k) < 0 \Rightarrow b = x(3)$$



fa

.....



$K=3$

$$x(3) = \frac{a+b}{2}$$

$$f(x_K) = f(x(3))$$

$$f(a) \cdot f(x_K) > 0 \Rightarrow$$

$$a = x(3)$$

$$f(a) = f(x_K)$$

