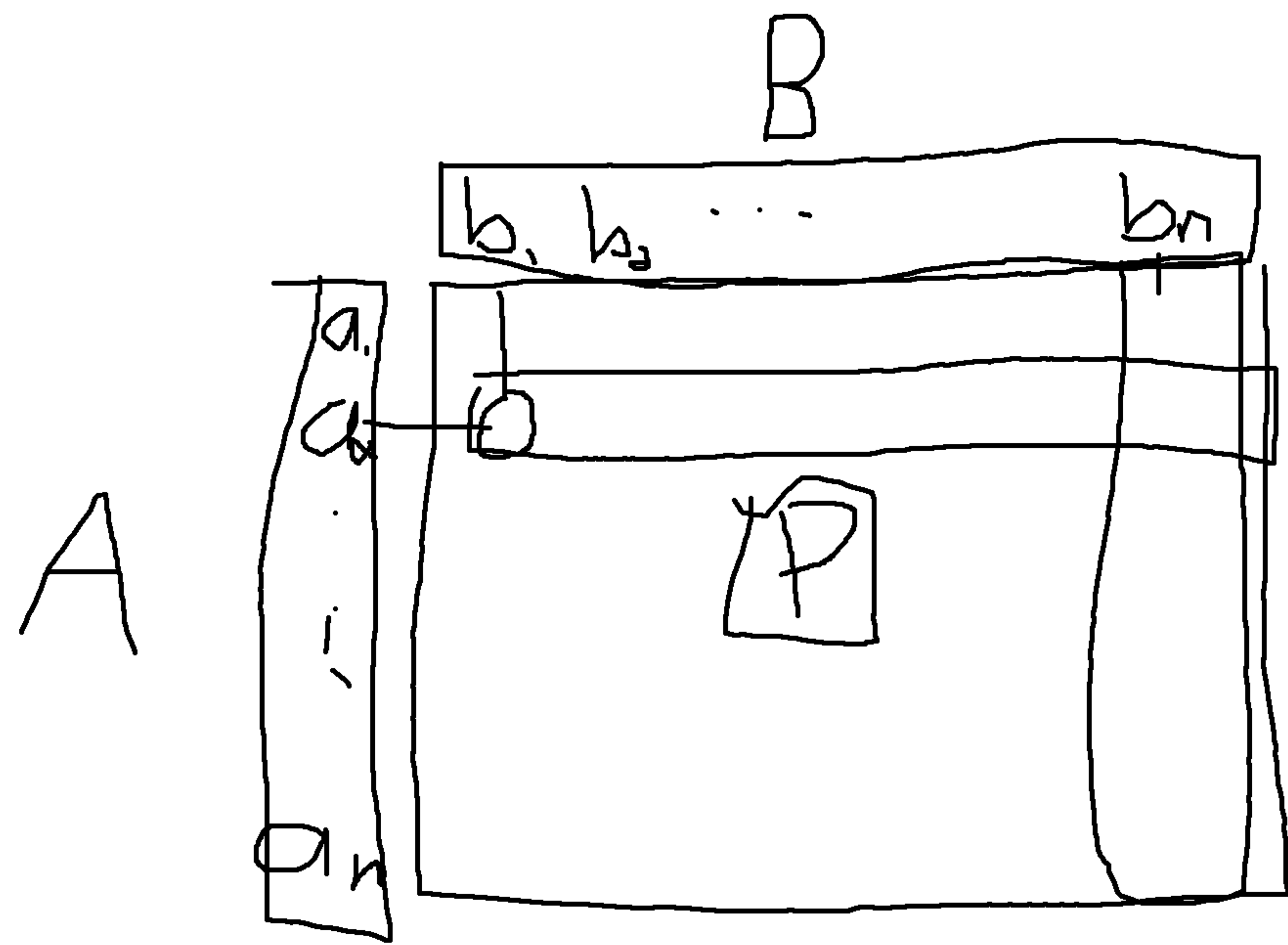


$$\frac{d}{dx} x+y \Big|_{y=1} = 0+1 = 1$$

$$\frac{d}{dx} x \cdot 1 \Big|_{x=1} = 1 = 1$$



$$a^* = \underset{a}{\operatorname{argmax}} P(a, b^*)$$

$$b^* = \underset{b}{\operatorname{argmax}} P(a^*, b)$$

$$x^{(i+1)} \leftarrow x^{(i)} - \eta \nabla f(x)$$