

Eleven

① First partial derivatives

</

① First partial
derivatives

Recall, for $f: \mathbb{R} \rightarrow \$

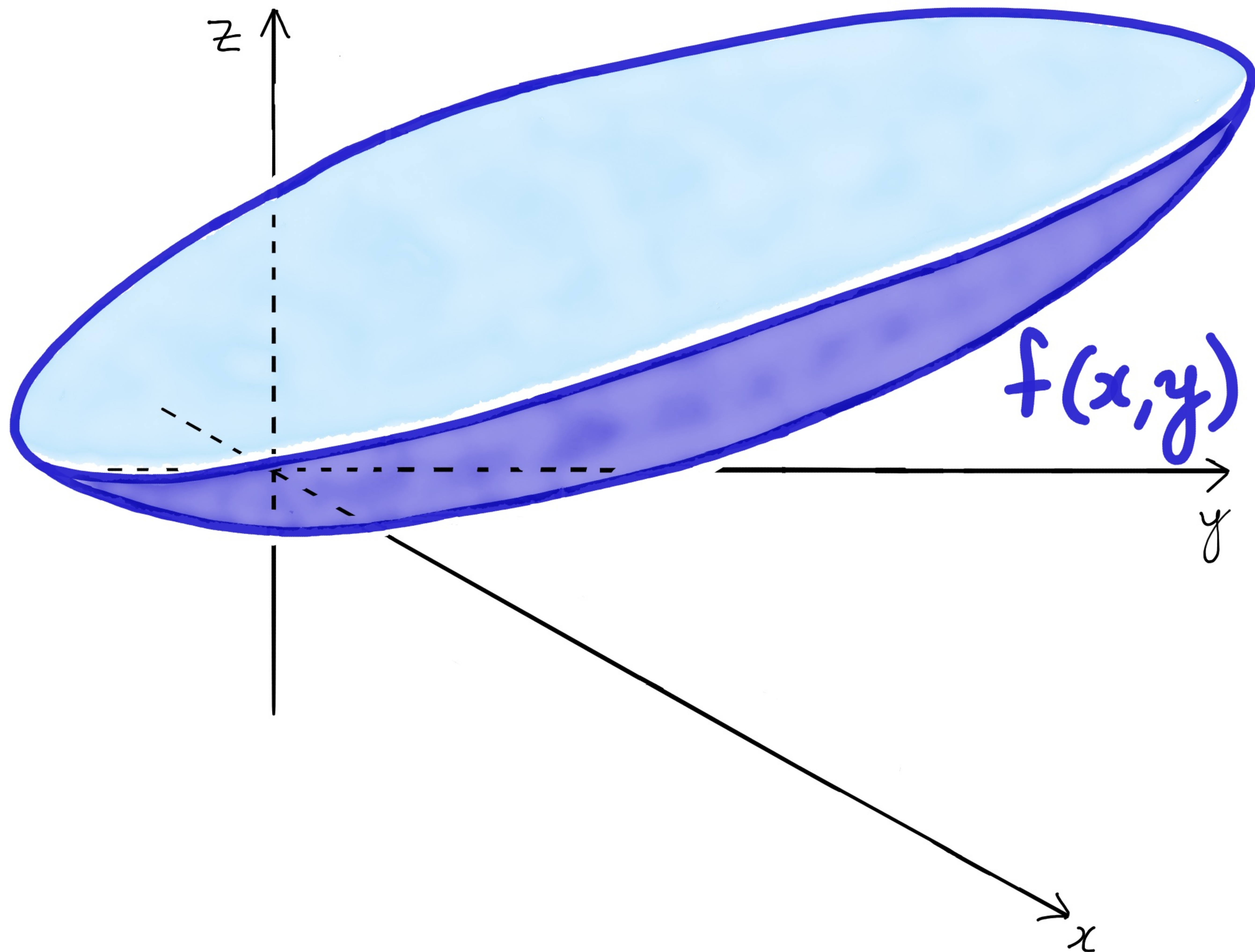
Recall, for $f: \mathbb{R} \rightarrow \$

Recall, for f

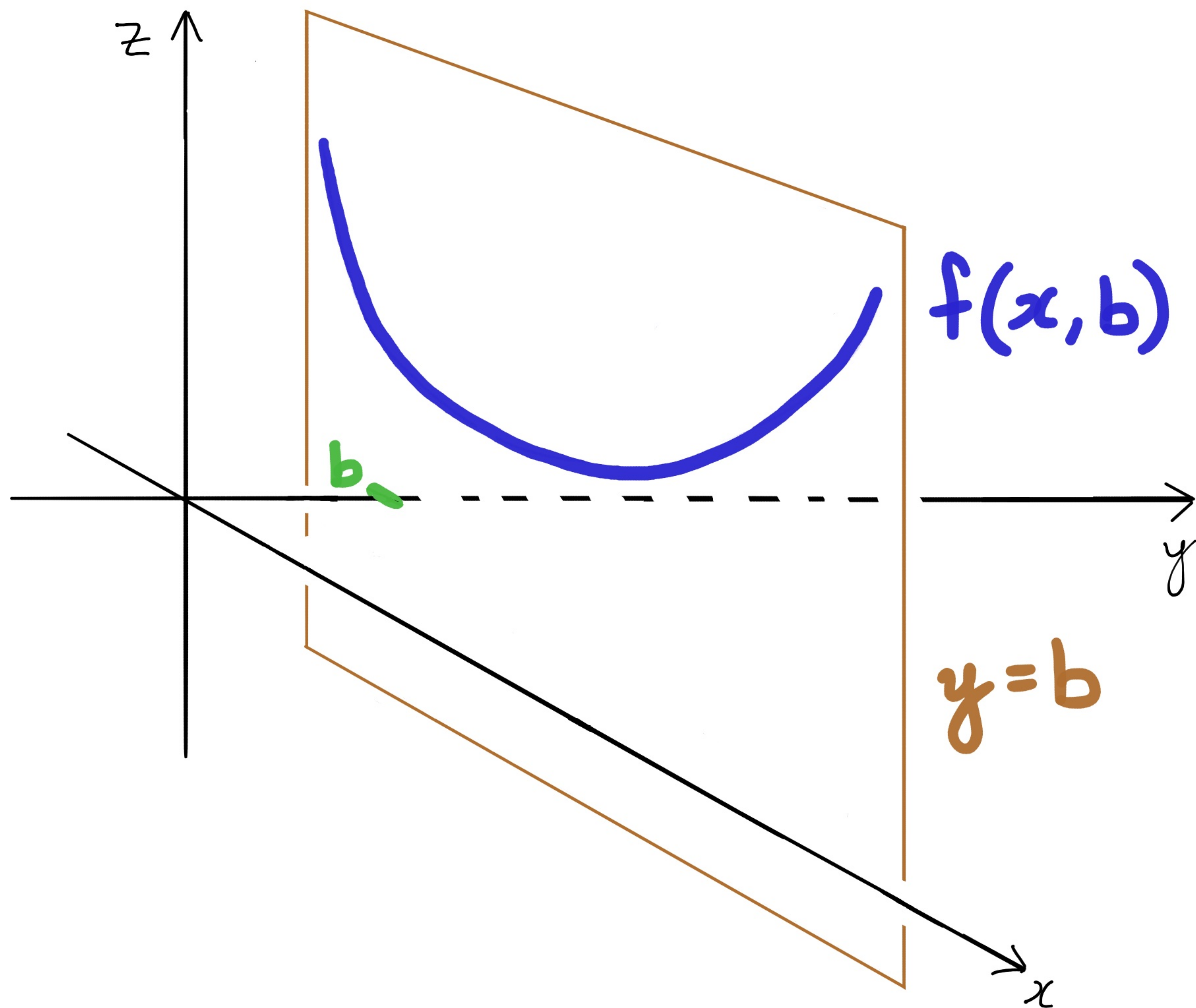
Recall, for $f: \mathbb{$

Recall

$$f: \mathbb{R}^2 \rightarrow \mathbb{R}, \quad \frac{\partial f}{\partial x}(a,b)$$



$$f: \mathbb{R}^2 \rightarrow \mathbb{R}, \quad \frac{\partial f}{\partial x}(a, b)$$



$$f: \mathbb{$$

$$f: \mathbb{R}^2$$

$$f: \mathbb$$

To find <

If

③ $C^1</$

