

def get_der(x)

$$\text{return } \frac{((x+h))^2 - (x^2)}{h}$$

def f get_der(x) →

$$\frac{f(a+h) - f(a)}{h}$$

def funct(x)
x + x²

$$\text{return } \frac{\text{funct}(a+h) - \text{funct}(a)}{h} \quad \frac{(a+h)^2 - a^2}{h}$$

$$y \equiv x^2$$

$$x \Rightarrow \frac{\text{math} \cdot e^x + \text{math} \cdot e^{-x}}{1}$$

$$0 \leftarrow \text{meth. ex} - \text{meth. ex}$$

$$f(a+h) \Rightarrow$$

$$f(a)$$

~~$$\left(\frac{h}{h} \right) - \left(\frac{h}{h} \right)$$~~

$$\Rightarrow (2, 3, 1)$$

$$\Rightarrow \left(\begin{matrix} P=1 \\ x_1 \dots \end{matrix} \right)^{1/p}$$

$$\text{1st norm} \Rightarrow (2' + 3' + 1')^{1/1} \\ \Rightarrow 6$$

$$\text{2nd norm} \Rightarrow (2^2 + 3^2 + 1^2)^{1/2} \\ \Rightarrow (4 + 9 + 1)^{1/2} \\ \Rightarrow (14)^{1/2}$$

3rd

$$(x_1, y_1) \text{ and } x_2, y_2$$

$$L1 \Rightarrow |x_2 - x_1| + |y_2 - y_1|$$

Man 1

$$L2 \Rightarrow \text{Eucl. dist.} \Rightarrow (x_2 - x_1)^2 + (y_2 - y_1)^2)^{1/2}$$

L-3