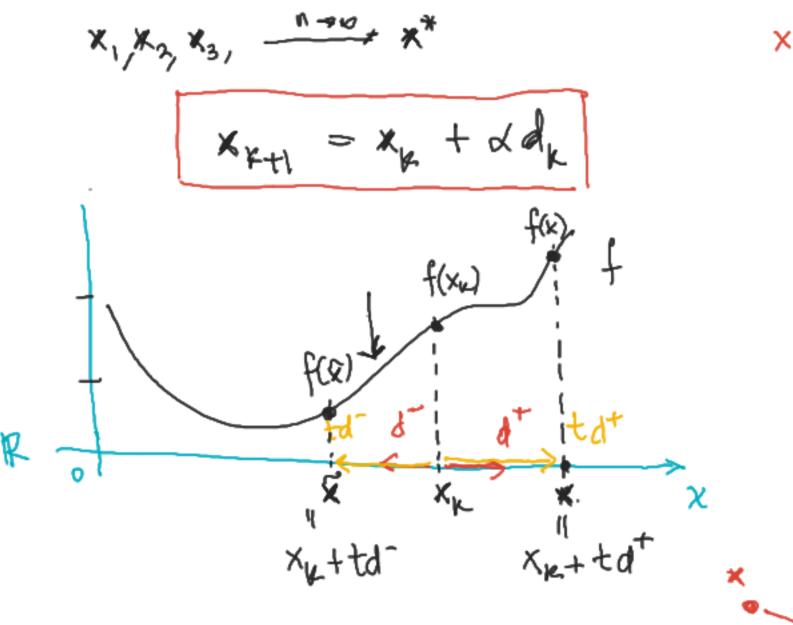
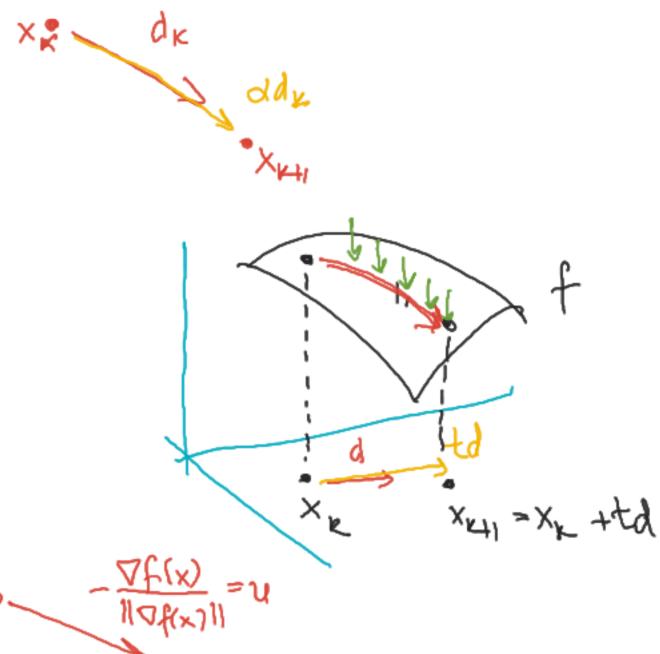
## Descenso Gradiente

Dado fiRn -> R diferenciable, xo e IR

x, x2, x3, ... aproximaciones de un ménino local \* de f.





· des dirección de descerno

$$\Leftrightarrow$$

Vf(x) . d = 0

Elegir el tamaño de paro d:

Comenzar 0000

$$\alpha_1 = i \alpha_0$$

$$\alpha^{5} = L \alpha^{1}$$

$$\Gamma = \frac{1}{2}$$

6 digito erro

1 \f(x) | < €

 $|\nabla f(x)| = 0$