

$$\textcircled{9} \quad y = f'(a)(x - a) + f(a)$$

$$y = f'(0)(x - 0) + f(0)$$

$$y = 2x \text{ tangente en } 0$$

$$f'(0) = 2e^{2x_0} + e^0 - 1$$

$$= 2 + 1 - 1$$

$$= 2$$

$$f(0) = e^{2x_0} + e^0 - 0 - 2$$

$$= 1 + 1 - 2$$

$$= 0$$

$$\text{To } y = 2x$$