$$f(x)$$

$$p^{2}(x)$$

$$p^{2}(x)$$

$$f(x)$$

$$p^{2} = f(a) + f'(a)(x - a) + \frac{f''(a)}{2}(x - a)^{2}$$

$$p^{1} = f(a) + f'(a)(x - a)$$

$$p^{0} = f(a)$$