Maggas 3

Meron, 15, 12, 01 25

Pophyna Teinopa & 
$$\varphi$$
, Reado

lim  $f(x) = A$ 
 $f(x) = f(x_0) + f'(x_0)(x_0 - x_0) + \overline{\partial}((x_0 - x_0)), \quad y \rightarrow y_0$ 
 $f'(y) = f(x) + \overline{\partial}((x_0 - x_0))$ 

Teopema: Eenu  $f(x)$  in pay gupp &  $f(x_0) = f(x_0)$ 
 $f(x) = f(x_0) + \overline{\partial}((x_0 - x_0))$ ,  $f(x_0) = f(x_0)$ 

Teopema: Eenu  $f(x) = f(x_0) + \overline{\partial}((x_0 - x_0))$ ,  $f(x_0) = f(x_0)$ 
 $f(x) = f(x_0) + \overline{\partial}((x_0 - x_0))$ ,  $f(x_0) = f(x_0)$ 

Choù crea MN-NA Teinopa

1)  $f(x_0) = f(x_0) + \frac{f'(x_0)}{f(x_0)} + \frac{f'$ 

$$\begin{array}{l} \text{(I) f(x) = sinx, } \\ \text{(I) f(x) = sinx, } \\ \text{(I) f(x) = 0} \\ \text{(I) f(x) =$$

$$\gamma(x_{o}) = f(x) - T_{n}(x) - R_{n}(x) = 0$$

$$\gamma(x) = f(x) - T_{n}(x_{o}; x) - 0 = f(x) - f(x) = 0$$

$$\gamma(x_{o}) = \gamma(x) = 0 \qquad \gamma(t) \text{ guyy. Ha} (a; b)$$

$$T_{n}(t; x) = \sum_{k=0}^{n} \frac{f(k)(t)}{k!} (x - t)^{k} \qquad \gamma'(t) = 0$$