





T.T. C 1

$$\frac{d}{dx} \int_{a}^{x} f(t)dt = f(t)$$

$$\frac{d}{dx} \left(\lim_{n \to \infty} \frac{\sum_{i=1}^{\infty} (\log x_i)^2}{i} \right)^2 dx$$

$$\frac{d}{dx} \left(\lim_{n \to \infty} \frac{\sum_{i=1}^{\infty} (\log x_i)^2}{i} \right)^2 dx$$

$$\frac{d}{dx} \left(\lim_{n \to \infty} \frac{\sum_{i=1}^{\infty} (\log x_i)^2}{i} \right)^2 dx$$

$$\frac{d}{dx} \left(\lim_{n \to \infty} \frac{\sum_{i=1}^{\infty} (\log x_i)^2}{i} \right)^2 dx$$

$$\frac{d}{dx} \left(\lim_{n \to \infty} \frac{\sum_{i=1}^{\infty} (\log x_i)^2}{i} \right)^2 dx$$

$$\frac{d}{dx} \left(\lim_{n \to \infty} \frac{\sum_{i=1}^{\infty} (\log x_i)^2}{i} \right)^2 dx$$

$$\int \frac{d}{dx} \int_{X}^{X} \operatorname{Sent} Cos^{2}t \, dt = \operatorname{Sen}_{X} Cos^{2}t \, dt$$

$$\int \frac{d}{dx} \int_{X}^{X} \operatorname{Sent} Cos^{2}t \, dt = -\frac{d}{dx} \int_{X}^{X} \operatorname{Sent} Cos^{2}t \, dt$$

$$= -\frac{d}{dx} \int_{X}^{X} \operatorname{Sen}_{X} Cos^{2}t \, dt$$

$$= -\frac{d}{dx} \int_{X}^{X} \operatorname{Sen}_{X} Cos^{2}t \, dt$$

T.F.C.2.

F(x)
$$\in$$
 contributed de $f(x)$

$$\int_{a}^{b} f(x) dx = f(b) - F(a)$$

$$\int_{a}^{\pi} \cos(x) dx = Sen x = Sen \pi - Sen 0$$

$$= 0 - 0 = 0$$