* iPorqué son étile?

to Recordanos para funciones pariódices

$$f(t) = \sum_{k} f_{k} e^{i\omega_{k}t} / \omega_{k} = \frac{2\pi}{T} k \omega_{n} T d \text{ periods de } k$$

$$f(t) = \frac{\alpha_0}{2} + \sum_{k=1}^{\infty} \alpha_k (\omega(\omega_k t)) + \sum_{k=1}^{\infty} b_k S_{in}(\omega_k t)$$

رمم

$$\begin{pmatrix}
f_{k} = \frac{1}{T} \int_{t^{k}}^{t^{k}+T} f(t) e^{-i\omega_{k}t} dt \\
\delta = \frac{2}{T} \int_{t^{k}}^{t^{k}+T} f(t) cos(\omega_{k}t) dt \\
b_{k} = \frac{2}{T} \int_{t^{k}}^{t^{k}+T} f(t) cos(\omega_{k}t) dt$$

$$i \frac{Q_{0}}{2} = \frac{1}{T} \int_{t^{k}}^{t^{k}+T} f(t) cos(\omega_{k}t) dt$$

Ejercicio à (a) Señal Condrada

(b) Triczguler

(C) Coseno cortedo.

(Estratesis? (g) Mireros integración de trepens (b) Mireros integración de Sirpson

Pregunter:

(E) à Cuél es la frecuencie méxime que podemos analizar?

$$Q_{N} \simeq \frac{2}{\pi} \left\{ \frac{1}{2} V_{S}(t_{0}) C_{0}(C_{0}, t_{i}) \right\} \frac{T_{i} O O (i)}{N_{i}}$$

$$Q_{N} \simeq \frac{2}{\pi} \left\{ \frac{1}{2} \left[S(\frac{1}{12}) C_{0}(\frac{2\pi N_{i}}{12}) W_{i} \right] \right\}$$

$$W_{i} = \sqrt{\frac{1}{2}} \quad j = 0, M$$

$$O + C_{0} = 0$$