Sovie geométrico.

$$\frac{7-1}{2}ar^{k} = \frac{a(1-r^{n})}{1-r}$$

$$\frac{2}{2}ar^{k} = \frac{a}{1-r}$$

$$\frac{2}{3}ar^{k} = \frac{a}{1-r}$$

$$\frac{1}{1-r}$$

$$\frac{2}{3}ar^{k} = \frac{a}{1-r}$$

$$\frac{1}{1-r}$$

Transformada 7 -> contraparte Daplace para tiempo discrito

Laplace nec integno diff en algebraicat 2 y ec. diferenciar a algebraicar

$$\chi(z)$$
 $= \sum_{n=-\theta}^{\infty} \chi(z)$ $= \sum_{n=-\theta}^{\infty} \chi(z)$ $= \sum_{n=-\theta}^{\infty} \chi(z)$ $= \sum_{n=-\theta}^{\infty} \chi(z)$ $= \sum_{n=-\theta}^{\infty} \chi(z)$

Silateral

t= rejul forma polar variable complia 5 - 0 + jw 5 = rejo; r= /8+hi 0-ton/(4)

Rigion Li Convergenera.

$$f_{j}: X(n) = 0$$
; $X(2) = Z(x(n))$

Rigion Li Convergenera.

 $f_{j}: X(n) = a^n u(n)$
 $X(2) = \frac{2}{n} \times (n) = \frac{2}{n} a^n u(n) = \frac{2}{n}$

$$\begin{array}{llll}
\xi_{1} : & \chi(x) = -a^{2} (x - n - 1); & \mu(x - n) = \begin{cases} 1 & n = 1 \\ 0 & n = 1 \end{cases} \\
\chi(x) : & \frac{\pi}{2} - a^{2} (x - n - 1) \neq 1 \\
\chi(x) : & -\frac{\pi}{2} - \frac{\pi}{2} = -\frac{\pi}{2} = -\frac{$$

Ej: S[n-mo). 入(1): デカ(いかの)で、ハニハーmo X(2) ~ 2 $\int (n')^2 - (n'+mo)^2 = \sum_{i=1}^{n'+mo} \sum_{i=1}^{mo} \sum_{i=1}^{n'+mo} \sum_{i=1}^{mo} (n'+mo)^2 = \sum_{i=1}^{n'+mo} \sum_{i=1}^{mo} \sum_{i=1}^{n'+mo} \sum_{i=1}^{mo} \sum_{i=1}^{n'+mo} \sum_{i=1}^{n'+mo} \sum_{i=1}^{n'+mo} \sum_{i=1}^{mo} \sum_{i=1}^{n'+mo} \sum_{i=$ Ej: Xtn): [4,1,2,1,2). XTn)-4J[n+2)+5J[n+i)+2J[n)+J[n-i) X(7) = 47 + 57 + 2 + 27 + 27 = 27. 7 1) Operador de adulanto 2'1 operador de tetraro.

Inversa 2. Transformade Xtn: $\frac{1}{2} \left(X(21)^2 \frac{1}{2n} \right) X(212^{n-1}) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{2} \left(\frac{1}{2} \right) \frac{1}{2} \right) = \frac{1}{2n} \left(\frac{1}{$ Option 2: X(z)= Tx[n)t; expansion tener n=-0 Je potentia. Opción 3: fraccioner parcialit

X(2) = 4 TT (2-Uc)

Con T (7-5p) X(2), 6 + C1 + --- + CN 2 7 7-6N X(2)= 6 + C, 2-51 + -- + CN 2-5N