

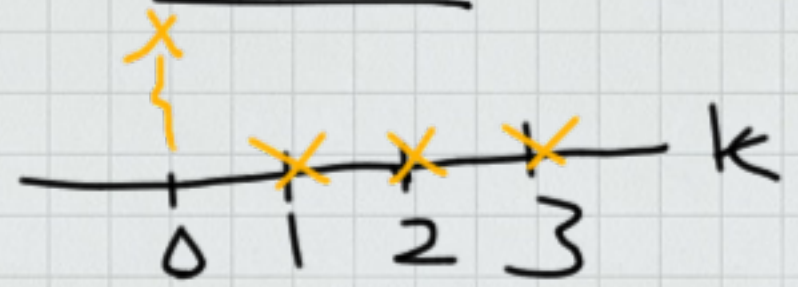
Definisi: $F(t) \xrightarrow{\text{dikuplik}} f(kT)$, $k=0,1,2,3,\dots$
 $f(k)$

$$F(z) = \mathcal{Z} f(kT) = \sum_{k=0}^{\infty} z^{-k} f(kT) = \sum_{k=0}^{\infty} z^{-k} f(k)$$

Contoh: (dari tabel, $n \rightarrow k$, $k \rightarrow n$)

* Isyarat: $f(k) \begin{cases} = 1, & k=0 \\ = 0, & k \neq 0 \end{cases}$
(baris 1)

$$\boxed{\mathcal{Z} f(k) = 1}$$



discrete impulse

* Isyarat: $f(k) \begin{cases} = 1, & k=n \\ = 0, & k \neq n \end{cases}$

$$\mathcal{Z} f(k) = z^{-n}$$

