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unit Samole Sexwence.

: 0 OHUWIK

$$\int_{0}^{\infty} \delta(t) dt = 1 \left(\frac{\text{unit impulse}}{\text{co}} \right)$$

Area :
$$\frac{1}{7} \times 7 = 1$$

Shifted
$$S(n)$$

$$= 0$$

$$= 0$$

$$= 0$$

$$= 0$$

$$= 0$$

$$= 0$$

$$= 0$$

$$= 0$$

$$= 0$$

$$= 0$$

$$= 0$$

$$= 0$$

$$= 0$$

$$= 0$$

$$= 0$$

$$= 0$$

$$\alpha g(u) = \alpha \quad u = 0$$

$$\frac{1}{\sqrt{2}} \left(\frac{1}{\sqrt{2}} \right) \left(\frac{1}{\sqrt{2}} \right) = \frac{1}{\sqrt{2}} \left(\frac{$$

$$+ \times (2) \delta(n-2) + \times (3) \delta(n-1)$$

$$+ \times (2) \delta(n-2) + \times (3) \delta(n-3)$$

$$\begin{array}{c} \frac{\alpha}{N} \\ \times (k) \\ \times (n) \\ \times (n) \\ \longrightarrow \\ \frac{\delta(n)}{\delta(n)} \\ \times (n) \\ \times (n) \\ \longrightarrow \\ \frac{\delta(n)}{\delta(n)} \\ \longrightarrow \\ \times (n) \\ \times (n) \\ \times (n) \\ \times (n) \\ \longrightarrow \\ \times (n) \\ \times (n)$$