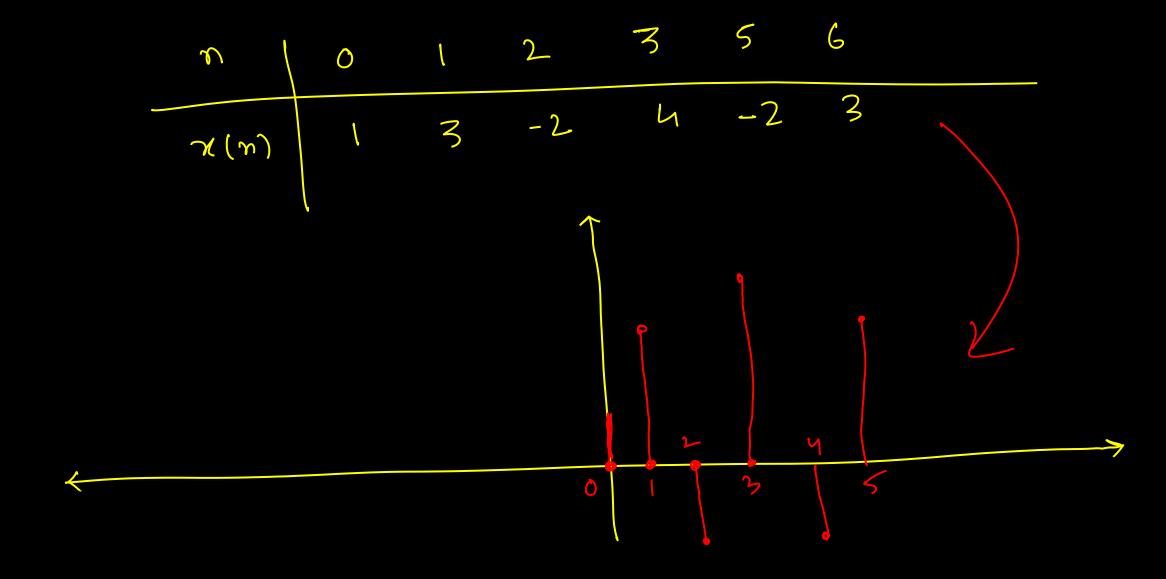


n=01 2 3

(i) Tabular representation

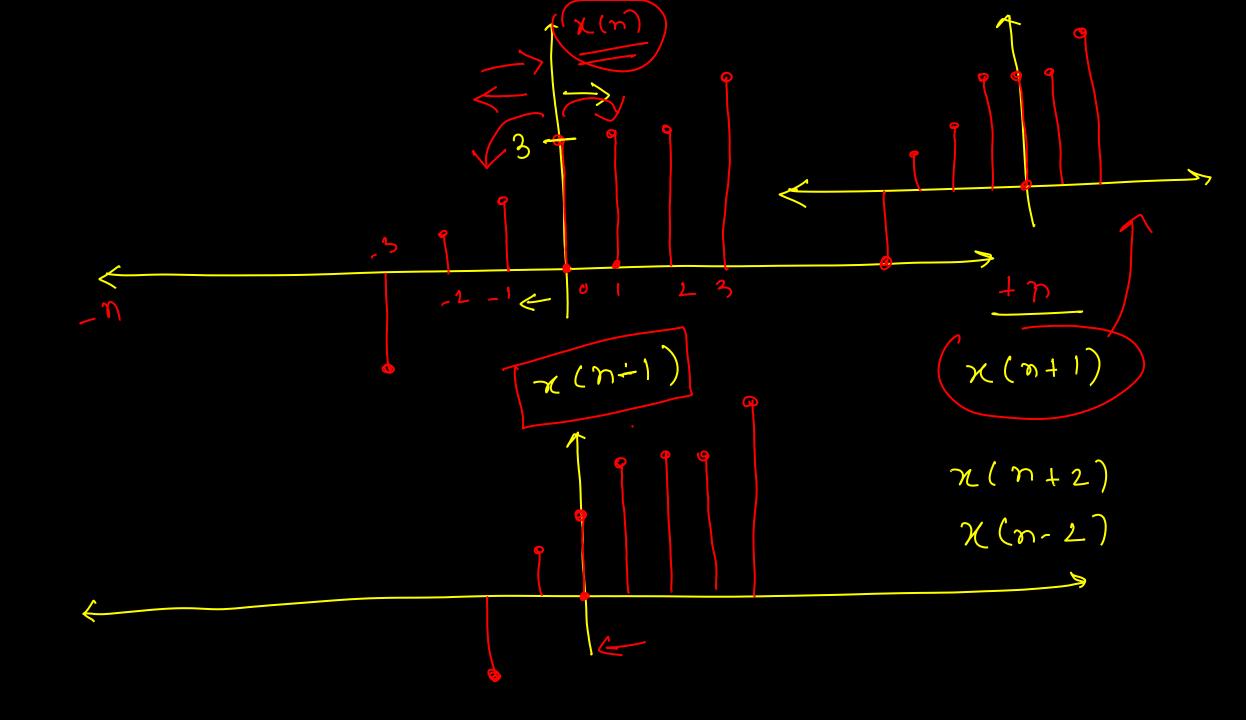


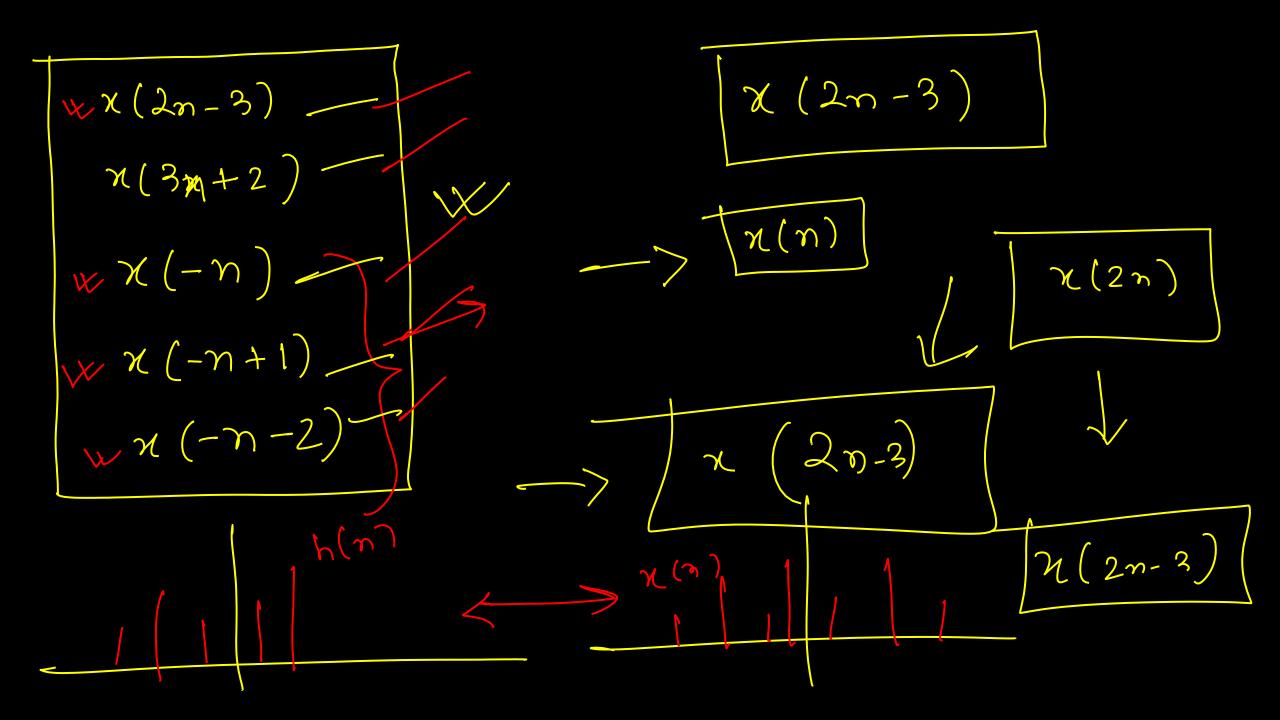
Sequence representation

x(n) = 1, 0, 2, 5, ...

S(n)1) Unit sample signal, $= \begin{cases} 1 & n = 0 \\ 0 & n \neq 0 \end{cases}$ (1) Unit step signal, u(n) $\frac{1}{2}$ u(n) = 14(2) -8 -4-3 -2-1 0 1 2 4 77

ramp signal, r(n) m Uwit -7-5-2-1 0123 h 6





$$h(n) = \{1, 2, 1, -1\}$$

$$\chi(n) = \{1, 2, 3, 1\}$$

$$\chi(n) = \{1, 3, 3, 1\}$$

