





$$X(t) \rightarrow y(t) = S[X(t)]$$

$$S(t) \qquad h(t) = S[S(t)]$$

$$INPULSE RESPONSE$$

$$X(t) \rightarrow S[J]$$

$$Y(t)$$

$$x(t) = \int u(t)$$

$$y(t) = \int x(\tau) \cdot \mathcal{L}(t-\tau) d\tau$$

$$y(t) = \int u(t) \mathcal{R}(t-\tau) d\tau$$

$$y(t) = \int u(\tau) \mathcal{R}(t-\tau) d\tau$$

$$y(t) = \int u(\tau) \cdot \mathcal{L}(t-\tau) d\tau$$

$$y(t) = \int u(\tau) \cdot \mathcal{L}(t-\tau) d\tau$$