$$x_{1}(t) \rightarrow y_{1}(t) = x_{1}(t-z) + x_{1}(z-t)$$

$$x_{1}(t) \rightarrow y_{1}(t) = x_{1}(t-z) + x_{1}(z-t)$$

$$x_{2}(t) \rightarrow y_{2}(t) = x_{2}(t-z) + x_{2}(z-t)$$

$$x_{3}(t) = a \times x_{1}(t) + b \times x_{2}(t)$$

$$(b) y_{3} = a y_{1} + b y_{2}$$

$$x_{3}(t) = a x_{1}(t-z) + b x_{2}(t-z) + x_{3}(z-t)$$

$$y_{3}(t) = a x_{1}(t-z) + b x_{2}(t-z) + x_{3}(z-t)$$

$$a \times x_{1}(z-t) + b \times x_{2}(z-t)$$

$$a \times x_{1}(z-t) + b \times x_{2}(z-t)$$

$$x(t-t_0) \longrightarrow y(t-t_0)$$

$$x_1-y_2 = x(t-t_0) + x(2-t)$$

$$x_2 = x(t-t_0) - y_2 = x(t-t_0-2) + x(2-t+t_0)$$

$$y(t) = x(t-2-t_0) + x(2-t-t_0)$$

$$y(t) = \omega_s(t) \times (t)$$

$$\omega_s(t-t_0) - \omega_s(t) \times (t-t_0)$$

$$x(t-t_0) - \omega_s(t) \times (t-t_0)$$

Mynong $\chi(t) = \chi(t-z) + \chi(z-t)$ taperor a tache Mp~000 (ausq)X(+12)> Futur -> Nj (cu 54) 5746/8 $\leq X(t) \leq$ $2A \leq X(t-2) + X(z-t) \leq 2$

$$y(t) = \int_{-\infty}^{\infty} x(t) dt$$

$$5i$$
 $\times (t) = 1$