$\frac{MA341}{\text{Laplace, II}}$	
Laplace, II $f(s) = \mathcal{L}_{f(s)} = \mathcal{L}_{f(s)} = \mathcal{L}_{f(s)} = \hat{f}(s)$	
$\int_{0}^{\infty} f(t) \cdot e^{-st} dt$	
flitheat cosat sin at	
$2\left(\begin{array}{c cccc} f & 1 & t'' & e & cos at & sin at \\ \hline 2 & \hline 1/s & \frac{1}{s^{n+1}} & \frac{1}{s-a} & \frac{s}{s^2+a^2} & \frac{a}{s^2+a^2} \end{array}\right)$	
$\mathcal{Z}\left(\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
ex) y= YLE)	Λ.
y'' - y = -2t $y(0) = 0$ $y'(0) = 2$	
ightharpoonup	
y(t) - 2 Y(s) Solve of Y(t) - 2 Y(s) Algern Gensy	
& Properties (f(t) => F(s))	
$\frac{2}{100} = \frac{2}{100} = \frac{2}$	
$ \begin{array}{c} \text{(1)} & \text{exp. multiplication} \\ \text{(2)} & \text{(2)} & \text{(3)} \\ \text{(4)} & \text{(4)} & \text{(5)} & \text{(5)} \\ \text{(4)} & \text{(5)} & \text{(5)} & \text{(5)} \\ \text{(5)} & \text{(5)} & \text{(5)} & \text{(5)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)} \\ \text{(6)} & \text{(6)}$	
2 "differentiation" ==> "Polynomial multiplication" >> x+a	
$Z(f^{(n)}(t)) \Longrightarrow S^n \cdot F(s)$	
correction terms $\int_{-\infty}^{-\infty} -\int_{-\infty}^{\infty} -\int_{-\infty}^{\infty}$)(0)

$$\frac{Y'' - Y = -2t}{Y(0) = 0}$$

$$\frac{Z}{Y(0) = 0}$$

$$\frac{Z}{Y'(0) = 2}$$

$$\frac{Z}{Y''} - Z(Y) = -2 Z(-2t)$$

$$\frac{Z}{Y''} - Z(Y) = -2 Z(\frac{t}{2})$$

$$\frac{Z}{Y''} - Y(S) = -2 (\frac{1}{S^2})$$

$$\frac{Z}{Y''} - Y(S) = -2 (\frac{1}{S^2})$$

$$\frac{Z}{Y''} - \frac{SY(0)}{S^2} - \frac{SY'(0)}{Y'} - \frac{Y}{Y(t)} = \frac{2}{S^2}$$

$$\frac{Z}{Y'} - \frac{2}{S^2} - \frac{2}{S^2}$$

$$\frac{Z}{Y''} - \frac{2}{S^2} - \frac{2}{S^2}$$

$$\frac{Z}{Y''} - \frac{2}{S^2} - \frac{2}{S^2} - \frac{1!}{S^{1+1}}$$

$$\frac{Z}{Y''} - \frac{Z}{Y''} - \frac{Z}{$$