

$F(s) = \frac{F_1(s)}{F_2(s)} \qquad F_3(s) \neq n \neq \text{ if } P_1, P_2, \dots, P_n$	
$\mathcal{R}_{j} k_{i} = \left(\frac{F_{i}(s)}{F_{i}(s)/(s-p_{i})}\right)_{\mathcal{R}_{i}\lambda} s = p_{i}$	
$f(t) = \mathcal{L}^{1} F(s) = \frac{2}{s} k_{i} e^{Rit}$	
F_1(s) 有重根. P,是F_1(s) Q重根. Ps, Pn 是草根	
$k_{1i} = \frac{1}{(i-1)!} \cdot \left[(s-p_i)^2 F(s) \right]_{s=p_i}^{(i-1)}$	
$f(t) = \sum_{i=1}^{q} \frac{k_{ii} e^{p_{i}t} t^{q_{i}i}}{(q_{i})!} + k_{s} e^{p_{s}t}$	
有笑轭样。 P, = 2+jin. P, = 2-jin.	
1. お末 た, . た,	
有关矩下展、 $p_i = \lambda_i j i \mu_i$. $p_i = \lambda_i - j i \mu_i$. $k_i \neq k_i$. $k_i \neq k_i$. $k_i = k_i e^{j \theta_i}$. $k_{i} = k_i e^{-j \theta_i}$. $k_{i} = k_i e^{-j \theta_i}$. $k_{i} = k_{i} e^{-j \theta_i}$. $k_{i} = k_{i} e^{-j \theta_i}$.	
3. $f(t) = k_1 e^{Rt} + k_2 e^{Rt}$	
$= \mathcal{E}_{1} \cdot e^{\vartheta t} \left(e^{\hat{j}(wt + \theta_{1})} + e^{-\hat{j}(wt + \theta_{1})} \right)$ $= 2(\mathcal{E}_{1}) e^{\vartheta t} \cos(wt + \theta_{1})$	
= <u>L(f)</u> e cos (bt + 01)	