

No	$f(t), t > 0$	$\bar{f}(p)$
1	$\delta_1(t) = 1$	$\frac{1}{p}$
2	$e^{\alpha t}, \alpha \in \mathbb{C}$	$\frac{1}{p - \alpha}$
3	$C = \text{const}$	$\frac{C}{p}$
4	$\sin \omega t$	$\frac{\omega}{p^2 + \omega^2}$
5	$\cos \omega t$	$\frac{p}{p^2 + \omega^2}$
6	$t^n, n \in \mathbb{N}$	$\frac{n!}{p^{n+1}}$
7	$e^{\alpha t} t^n, n \in \mathbb{N}$	$\frac{n!}{(p - \alpha)^{n+1}}$
8	$e^{\alpha t} \sin \omega t$	$\frac{\omega}{(p - \alpha)^2 + \omega^2}$
9	$e^{\alpha t} \cos \omega t$	$\frac{p - \alpha}{(p - \alpha)^2 + \omega^2}$