Original : $f(t)$	Image : $F(p)$
$1 = u(t)$ échelon unitaire	$\dfrac{1}{p}$
t	$\dfrac{1}{p^2}$
t^n	$\dfrac{n!}{p^{n+1}}$
$e^{\alpha t}$	$\dfrac{1}{p - \alpha}$
$t\, e^{\alpha t}$	$\dfrac{1}{(p - \alpha)^2}$
$\dfrac{t^n}{n!} e^{\alpha t}$	$\dfrac{1}{(p - \alpha)^{n+1}}$
$(1 + \alpha t) e^{\alpha t}$	$\dfrac{p}{(p - \alpha)^2}$
$\dfrac{e^{\beta t} - e^{\alpha t}}{\beta - \alpha}$	$\dfrac{1}{(p - \alpha)(p - \beta)}$
$\dfrac{\beta e^{\beta t} - \alpha e^{\alpha t}}{\beta - \alpha}$	$\dfrac{p}{(p - \alpha)(p - \beta)}$
$\sin \omega t$	$\dfrac{\omega}{p^2 + \omega^2}$
$\cos \omega t$	$\dfrac{p}{p^2 + \omega^2}$
$\sin(\omega t + \varphi)$	$\dfrac{p \sin \varphi + \omega \cos \varphi}{p^2 + \omega^2}$
$\cos(\omega t + \varphi)$	$\dfrac{p \cos \varphi - \omega \sin \varphi}{p^2 + \omega^2}$
$e^{\alpha t} \sin \omega t$	$\dfrac{\omega}{(p - \alpha)^2 + \omega^2}$
$e^{\alpha t} \cos \omega t$	$\dfrac{p - \alpha}{(p - \alpha)^2 + \omega^2}$
$A e^{-at} \cos(\omega t + \varphi)$ avec $\begin{cases} A = \dfrac{1}{\omega}\sqrt{\alpha^2 \omega^2 + (\beta - a\alpha)^2} \\ \varphi = -\operatorname{arctg} \dfrac{\beta - a\alpha}{\alpha\omega} \end{cases}$	$\dfrac{\alpha p + \beta}{(p + a)^2 + \omega^2}$