Anexa nr.1. T	'abel de	transformate	Laplace
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THICKUIII.I. TUDEI GC III.	
Transformata Laplace $F(s)$	Functia de timp $f(t)$
1	$\delta(t)$
e^{-nTs}	δ (t-nT)
$\frac{1}{s}$	1(t)
$\frac{s}{\frac{1}{s^2}}$	t
$\frac{2!}{s^3}$	t^2
$\frac{(n-1)!}{s^n}$	t^{n-1}
$\frac{1}{s+a}$	e^{-at}
$\frac{1}{s(s+a)}$	$\frac{1}{a}(u(t)-e^{-at})$
$\frac{1}{(s+a)(s+b)}$	$\frac{1}{(b-a)} \left(e^{-at} - e^{-bt} \right)$
$\frac{1}{s^2(s+a)}$	$\frac{1}{a}\left(t - \frac{1 - e^{-at}}{a}\right)$
$\frac{s+b}{s^2(s+a)}$	$\frac{a-b}{a^2}u(t) + \frac{b}{a}t + \frac{1}{a}\left(\frac{b}{a}-1\right)e^{-at}$
$\frac{1}{\left(s+a\right)^2}$	te^{-t}

Transformata Laplace $F(s)$	Functia de timp $f(t)$
$\frac{1}{s^3(s+a)}$	$\frac{1}{2a} \left(t^2 - \frac{2}{a}t + \frac{2}{a^2}u(t) - \frac{2}{a^2}e^{-at} \right)$
$\frac{a}{s^2 + a^2}$	sin at
$\frac{s}{s^2 + a^2}$	cos at
$\frac{1}{s(s+a)^2}$	$\frac{1}{a^2} \Big[u(t) - (1+at)e^{-at} \Big]$
$\frac{1}{s^2(s+a)^2}$	$\frac{t}{a^2} - \frac{2}{a^3}u(t) + \left(\frac{t}{a^2} + \frac{2}{a^3}\right)e^{-at}$
$\frac{a}{s(s^2+a^2)}$	$\frac{1}{a}(u(t)-\cos at)$
$\frac{a^2}{s^2\left(s^2+a^2\right)}$	$1 - \frac{1}{a}\sin at$
$\frac{1}{\left(s+a\right)^2+b^2}$	$\frac{1}{b}e^{-at}\sin bt$
$\frac{s+a}{\left(s+a\right)^2+b^2}$	$e^{-at}\cos bt$
$\frac{1}{s(s+a)(s+b)}$	$\frac{1}{ab}\left(u(t) + \frac{b}{a-b}e^{-at} - \frac{a}{a-b}e^{-bt}\right)$