Laplace getransformeerde

	$f(t)$	$F(s) = \mathcal{L}[f(t)] = \int_0^\infty f(t)e^{-st}\,dt$
1.	1	$\dfrac{1}{s}$, $s > 0$
2.	t	$\dfrac{1}{s^2}$, $s > 0$
3.	$t^n \ (n = 0, 1, 2, \ldots)$	$\dfrac{n!}{s^{n+1}}$, $s > 0$
4.	e^{at}	$\dfrac{1}{s - a}$, $s > a$
5.	$\sin at$	$\dfrac{a}{s^2 + a^2}$, $s > 0$
6.	$\cos at$	$\dfrac{s}{s^2 + a^2}$, $s > 0$
7.	$e^{at}\sin bt$	$\dfrac{b}{(s - a)^2 + b^2}$, $s > a$
8.	$e^{at}\cos bt$	$\dfrac{s - a}{(s - a)^2 + b^2}$, $s > a$
9.	$t^n e^{at}$	$\dfrac{n!}{(s - a)^{n+1}}$, $s > a$
10.	$f'(t)$	$sF(s) - f(0)$
11.	$f''(t)$	$s^2 F(s) - s\,f(0) - f'(0)$
12.	$f(t - a)u_a(t)$	$e^{-as}\,F(s)$
13.	$e^{at}f(t)$	$F(s - a)$ (vgl. 3+9)
14.	$\delta(t - a)$	e^{-as}
15.	$(-t)^n f(t)$	$F^{(n)}(s)$ (n-de afgeleide)
16.	$(f * g)(t)$	$F(s)G(s)$

Opm: $(f * g)(t) = \displaystyle\int_0^t f(u)g(t - u)\,du.$

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Gonioformules

1. $\sin(\alpha + \beta) = \sin \alpha \cos \beta + \sin \beta \cos \alpha$

2. $\cos(\alpha + \beta) = \cos \alpha \cos \beta - \sin \alpha \sin \beta$

3. $\cos \alpha \cos \beta = \frac{1}{2}\big(\cos(\alpha + \beta) + \cos(\alpha - \beta)\big)$

4. $\sin \alpha \sin \beta = \frac{1}{2}\big(\cos(\alpha - \beta) - \cos(\alpha + \beta)\big)$

5. $\sin \alpha \cos \beta = \frac{1}{2}\big(\sin(\alpha + \beta) + \sin(\alpha - \beta)\big)$

Integraaltabelletje

1. $\displaystyle\int t \sin(at)\, dt \qquad \dfrac{1}{a^2} \sin(at) - \dfrac{t}{a} \cos(at), \quad (a \neq 0)$

2. $\displaystyle\int t^2 \sin(at)\, dt \qquad \left(\dfrac{2}{a^3} - \dfrac{t^2}{a}\right) \cos(at) + \dfrac{2t}{a^2} \sin(at),$

3. $\displaystyle\int t \sin(at)\, dt \qquad \dfrac{1}{a^2} \cos(at) + \dfrac{t}{a} \sin(at),$

4. $\displaystyle\int t^2 \sin(at)\, dt \qquad \left(\dfrac{-2}{a^3} + \dfrac{t^2}{a}\right) \sin(at) + \dfrac{2t}{a^2} \cos(at),$