```
> restart
> int(t·exp(-s·t), t)
```

$$-\frac{(1+s\,t)\,e^{-s\,t}}{s^2} \tag{1}$$

```
> with(inttrans)
```

[addtable, fourier, fouriercos, fouriersin, hankel, hilbert, invfourier, invhilbert, invlaplace, invmellin, laplace, mellin, savetable] (2)

```
> f := exp(4 t)
```

$$f := e^{4\,t} \tag{3}$$

```
> F := laplace( f, t, s)
```

$$F := \frac{1}{s-4} \tag{4}$$

```
> g := cos(7 t)
```

$$g := \cos(7\,t) \tag{5}$$

```
> G := laplace(g, t, s)
```

$$G := \frac{s}{s^2+49} \tag{6}$$

```
>
```