

```

[> restart :
[> f(t) := exp(a·t);
                                     f(t) := eat (1)
[> with(inttrans);
[addtable,fourier,fouriercos,fouriersin,hankel,hilbert,invfourier,invhilbert,invlaplace,
  invmellin,laplace,mellin,savetable] (2)
[> F(s) := laplace(f(t),t,s);
                                     F(s) := 1/(s-a) (3)
[> g(t) := t·3;
                                     g(t) := t3 (4)
[> G(s) := laplace(g(t),t,s);
                                     G(s) := 6/s4 (5)
[> H(s) := (s-3)/(s·2-2·s-2);
                                     H(s) := (s-3)/(s2-2s-2) (6)
[> h(t) := convert(invlaplace(H(s),s,t),exp);
                                     h(t) := -1/6 (-3 e2t√3 - 3 + 2√3 e2t√3 - 2√3) et-t√3 (7)
[>
[>
[>
[>

```