

7.1.36.

$$f(t) = e^{-t} \cosh t$$

$$L\{f(t)\} = L\{e^{-t} \cosh t\} =$$

$$= L\left\{e^{-t} \frac{e^t + e^{-t}}{2}\right\} = \frac{1}{2} (L\{1\} + L\{e^{-2t}\}) =$$

$$= \frac{1}{2} \left(\frac{1}{s} + \frac{1}{s+2} \right)$$