

7.1.32.

$$f(t) = \cos 5t + \sin 2t$$

$$L\{f(t)\} = L\{\cos 5t\} + L\{\sin 2t\} =$$

$$L\{f(t)\} = \frac{s}{s^2 + 5^2} + \frac{2}{s^2 + 2^2}$$