

HOMEWORK #11 (Chapter 4 The Laplace Transform)

In problem 1 and 2, use theorem 4.3 to find the given inverse transform.

(1) $L^{-1}\left\{\frac{s}{(s+2)(s^2+4)}\right\}$ (Exercises 4.2 problem 26)

(2) $L^{-1}\left\{\frac{6s+3}{(s^4+5s^2+4)}\right\}$ (Exercises 4.2 problem 30)