

Name _____ CM _____

ECE-205 Quiz 7

The following figure shows three different circuits, which are subsystems for a larger system. We can write the transfer functions for these systems as

$$G_a(s) = \frac{-K_{low}\omega_{low}}{s + \omega_{low}} \quad G_b(s) = \frac{-K_{high}s}{s + \omega_{high}} \quad G_c(s) = -K_{ap}$$

Determine the parameters K_{low} , ω_{low} , K_{high} , ω_{high} , and K_{ap} in terms of the parameters given (the resistors and capacitors).

