Assignment 2: Time response

Consider a system with that can be presented with the following transfer function:

R(s)
$$\frac{s+3}{(s+2)(s+4)(s+5)}$$
 C(s)
G(s)

For each of the input listed below, find the time response curve. Identify the steady state and transient state origin in your time response equation.

a) Impulse input : R(s) = 1b) Step input : $R(s) = \frac{1}{s}$

10 Marks

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