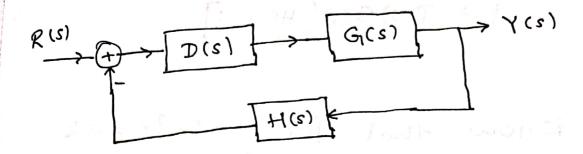
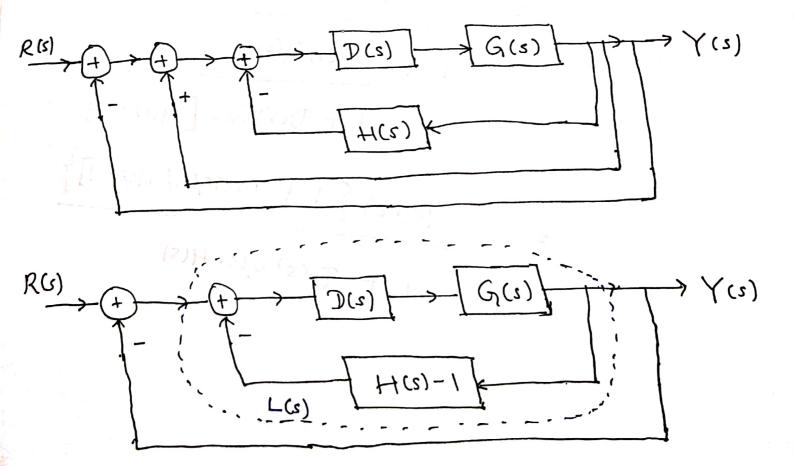
STEADY STATE ERROR ANALYSIS FOR NON UNITY FEEDBACK SYSTEM.



To derive the error function E(s) we convert the above system to Unity feedback system.



above figure which is! From naisse some equivalent to Unity Feedback L(s) = D(s)G(s)Structure 1 + D(s) G(s) [H(s)-1] We know that for Unity Feedback ent ovirate ot E(s) = R(s) (s) R(s) (0) 0 (s) (s) (s) (5) [+ D(2) C(2) [H(e) - 1] R(s) { 1 + D(s)G(s)[H(s)-]} (w) (c) (cs) G(s) H(s) \$1-(2)+1 F

$$= \frac{D(s) G(s)}{1 + D(s) G(s) H(s)}.$$

With the defn of
$$L(s) = D(s)G(s)$$

 $I+D(s)G(s)[H(s)-1]$

Results of for Type-l and Standard reference inputs remain same.