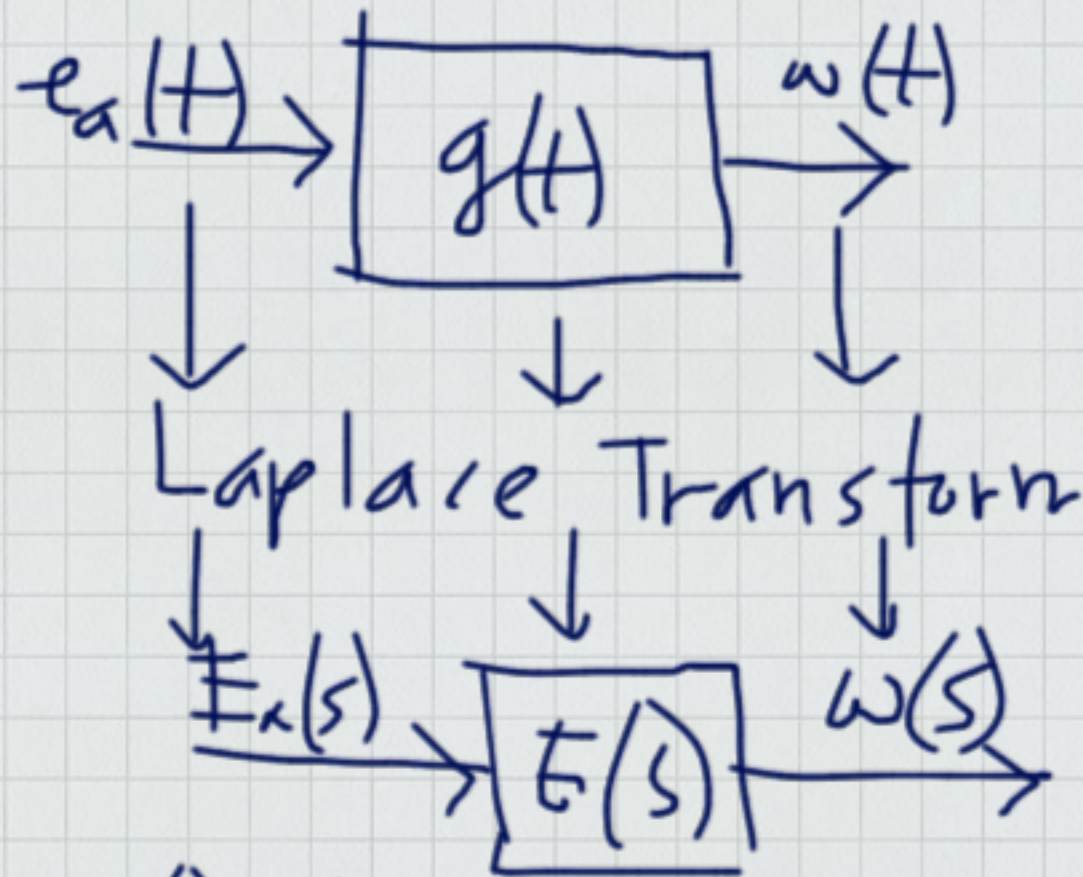


⇒ Model Nisbah Alih (Transfer Function)



~~$$w(t) = g(t) e_a(t)$$~~

$$W(s) = G(s) \cdot E_a(s)$$
$$G(s) = \frac{W(s)}{E_a(s)}$$

Dari Pr. (1) dan (2) serta Property #3, h. 1.58

$$(1) s I_a(s) = \frac{1}{L_a} (E_a(s) - K_b W(s) - R_a I_a(s))$$

$$L_a s I_a(s) = E_a(s) - K_b W(s) - R_a I_a(s)$$

$$(L_a s + R_a) I_a(s) = E_a(s) - K_b W(s)$$