$$G(s) = \frac{\omega(s)}{E_a(s)} = \frac{K_m}{L_a J s^2 + (B L_a + R_a J) s + (B R_a + K_m K_b)}$$

$$\omega(s) = G(s)\, E_a(s)$$

$$I_a(s) = \left(\frac{Js + B}{K_m}\right)\left(\frac{K_m}{L_a J s^2 + (B L_a + R_a J) s + (B R_a + K_m K_b)}\right) E_a(s)$$

$$= \left(\frac{Js + B}{L_a J s^2 + (B L_a + R_a J) s + (B R_a + K_m K_b)}\right) E_a(s)$$

$$H(s) = \frac{I_a(s)}{E_a(s)} = \frac{Js + B}{L_a J s^2 + (B L_a + R_a J) s + (B R_a + K_m K_b)}$$

Jika $E_a(s)$ dikotahui $\longleftrightarrow$ $\omega(s) = G(s) E_a(s) \rightarrow \omega(t) =$.

$I_a(s) = H(s) E_a(s) \rightarrow I_a(t) =$