$$V_a(s) \longrightarrow \boxed{\dfrac{Js+B}{(L_as+R_a)(Js+B)+K_tK_v}} \xrightarrow{I_a(s)} \boxed{\dfrac{K_t}{Js+B}} \longrightarrow \Omega(s)$$

$$M1 \qquad\qquad\qquad\qquad M2$$