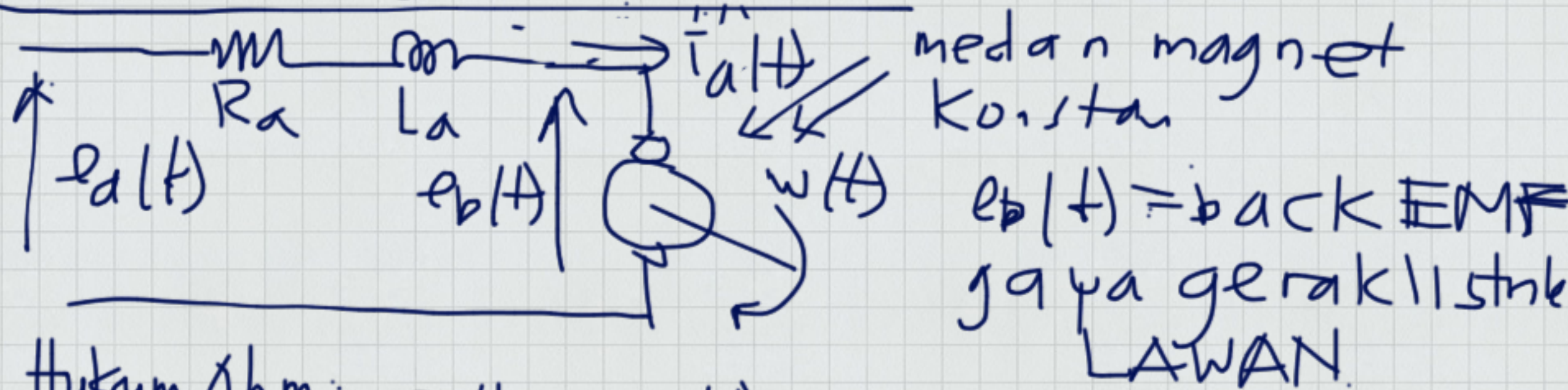


* Model Rangkaian Listrik



Hukum Ohm:
$$e_a(t) - e_b(t) = R_a i_a(t) + L_a \frac{di_a(t)}{dt}$$

Sifat motor:
$$T(t) = K_m i_a(t)$$

Sifat generator:
$$e_b(t) = K_b \omega(t)$$



* Model Mekanik

Hukum Newton
 untuk ROTASI

$$T(t) = J \frac{d\omega(t)}{dt} + B\omega(t)$$

 $(F = ma) \rightarrow$