

$$q_i = delit / Laju aliran masuk (m³/s)$$
 $q_0 = "/" kaluar (m³/s)$
 $h' = Hogsi air (m)$

 $C = |capacitanical (M^2)$. R = Hambatan

Pendoluluan

$$Q = \frac{V}{t} = Av$$

$$\frac{d(P.c.h)}{dt} = P.c.\frac{dh}{dt} = Pq; -Pq_0$$

$$c \cdot \frac{dh}{dt} = q_i - q_0$$
; dimana $R = \frac{h}{q_0} \rightarrow q_0 = \frac{h}{R} \rightarrow h = Rq_0$

$$c \cdot \frac{dh}{dt} = q_i - \frac{h}{R}$$

$$\frac{dh}{dt} = \frac{q_i}{c} - \frac{h}{Rc}$$

$$\frac{dq_0}{dt} = \frac{q_i - q_0}{Rc}$$

$$V = A.h$$

$$\frac{d}{dt} (A_1h_1) = F_1 - F_2$$

$$\frac{d}{dt} (A_2h_1) = F_2 - F_3$$

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$$\frac{d}{dt} (A_2h_1) = \frac{h_1}{k_2}$$

$$\frac{d}{dt} (A_2h_1) = \frac{h_2}{k_2}$$

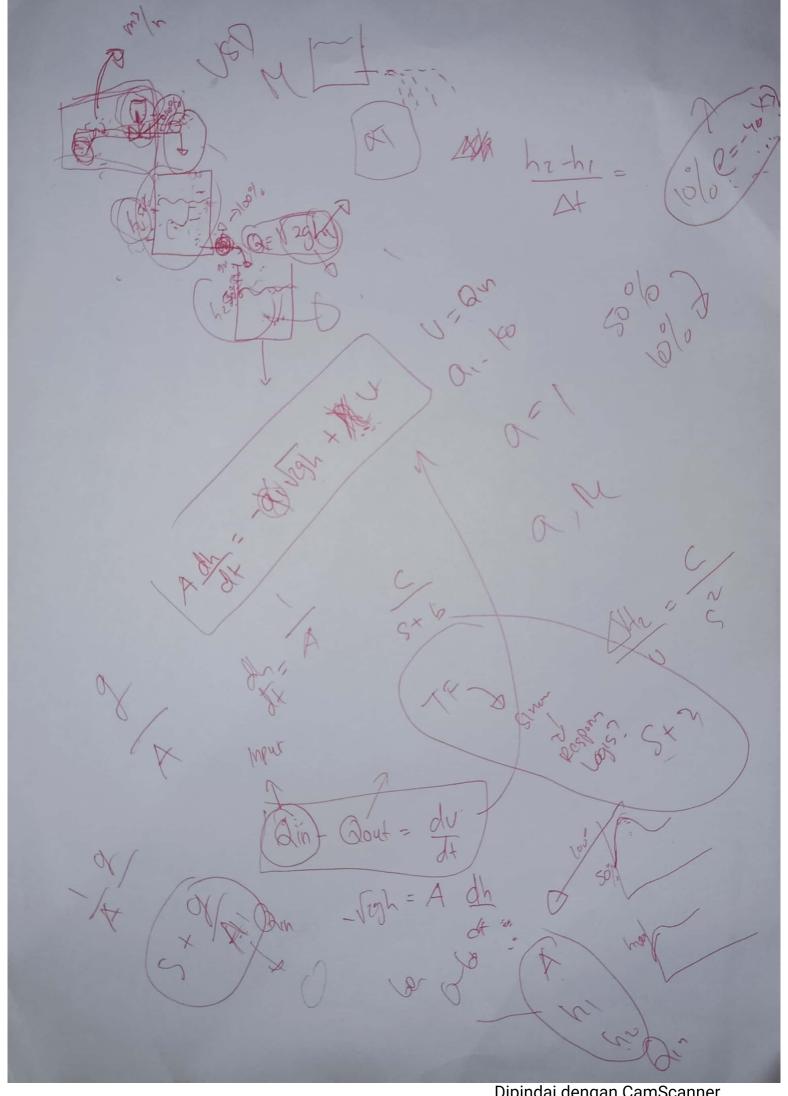
$$\frac{d}{dt} (A_2h_1) = \frac{h_2}{k_2}$$

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$$\frac{d}{dt} (A_2h_1) = F_2 - F_3$$

$$\frac{d}{dt}$$



Dipindai dengan CamScanner

