yohandi - assignment 9
14.
$$Wt^2 = Wo^2 + 2\theta d$$

 $(15 \text{ rev}_2)^2 = (10 \text{ rev}_3)^2 + 2.60 \text{ rev}_3 d$

51.
$$\Rightarrow m_2 \cdot 3 - T_2 = m_2 \cdot 2 \dots (1)$$

 $\Rightarrow \tau : I \cdot d$
 $(T_2 - T_1) R = \frac{1}{2} M R^2 \cdot \frac{3}{R}$

$$T_2-T_1=\frac{1}{2}M.2...(2)$$

 $T_1-m_1.g=m_1.2...(2)$

