



$$\theta_{1} + \theta_{2} = 180^{\circ}$$
 $W_{1} + W_{2} = T$ 
 $T_{10} + T_{15} = T_{15}$ 

$$\frac{3t+2t}{30} = 1$$

 $\begin{array}{c}
(23) & (30) \\
(30) & (30)
\end{array}$ 

 $W = 2\pi \text{ rad/s}$ 

t=5s

0=Wt

 $\theta = 2\pi (5)$ 

 $\theta = 10\pi \text{ rad}.$ 







