

Homework 3

1. $V_A = \omega_2 (AO_2) = 5(4) = 20 \text{ m/sec} = V_A$

2. $\omega_3 = \frac{V_A}{AI_{1,3}} = \frac{20}{3.59} = 5.57 \text{ rad/sec}$

3. $V_B = \omega_3 (I_B) = 6.345 (5.57) = 35.515 \text{ m/sec}$

4. $\omega_4 = \frac{V_B}{BO_4} = \frac{35.515}{3} = 11.8383 \text{ rad/sec}$

5. $V_C = C(I_B) \omega_3 = 2.854 (5.57) = 15.9 \text{ m/sec}$

Links:

1. 10 in

2. 5 in

3. 6 in

4. 3 in







