

$$T_0 = 16 \text{ ms} \quad T_1 = 32 \text{ ms} \quad T_2 = 8 \text{ ms} \quad T_3 = 12 \text{ ms} \quad T_4 = 20 \text{ ms} \quad T_5 = ?$$

$$\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \cdot T_0 + \frac{1}{2} \cdot T_1 \right) + \frac{1}{2} T_2 \right) + \frac{1}{2} T_3 \right) + \frac{1}{2} T_4 = T_5$$

$$\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{4} T_0 + \frac{1}{4} T_1 + \frac{1}{2} T_2 \right) + \frac{1}{2} T_3 \right) + \frac{1}{2} T_4 = T_5$$

$$\frac{1}{2} \left(\frac{1}{8} T_0 + \frac{1}{8} T_1 + \frac{1}{4} T_2 + \frac{1}{2} T_3 \right) + \frac{1}{2} T_4 = T_5$$

$$\frac{1}{16} T_0 + \frac{1}{16} T_1 + \frac{1}{8} T_2 + \frac{1}{4} T_3 + \frac{1}{2} T_4 = T_5$$

$$\frac{16}{16} + \frac{32}{16} + \frac{8}{8} + \frac{12}{4} + \frac{20}{2} = T_5$$

$$T_5 = 1 + 2 + 1 + 3 + 10$$

$$T_5 = 17 \text{ ms}$$