

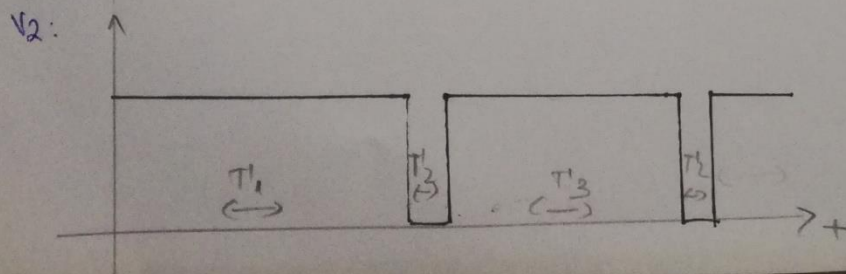
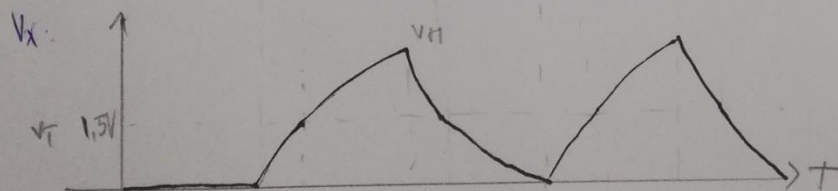
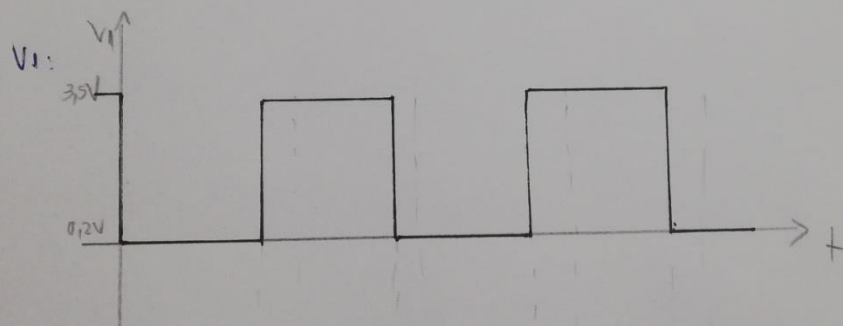
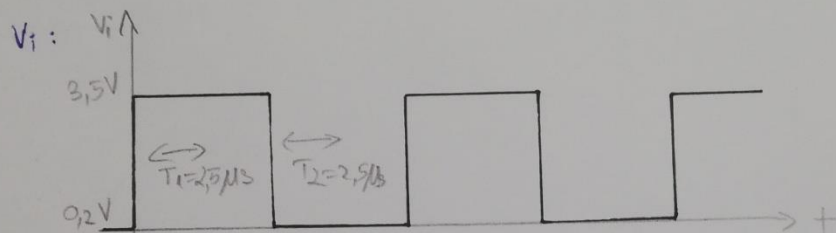
- Lucrarea 9 -

- Aplicații ale circuitelor integrate, realizate cu porți TTL -

⊗ Diagrammele de timp

$$\tau = R \cdot C = 500 \Omega \cdot 10 \text{ nF} = 5 \mu\text{s}$$

$$t_n = 2,2 RC = 11 \mu\text{s}$$



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⊗ Timpuri

$$T'_1 = 50 \mu s (T_1 + T_2)$$

$$T'_2 = 5 \mu s \ln \frac{0,2 - 3,2}{0,2 - 1,3} = 5 \mu s \ln \frac{3,3}{1,3} = 5 \mu s$$

$$T'_3 = 30 \mu s - T'_2 = 45 \mu s$$

