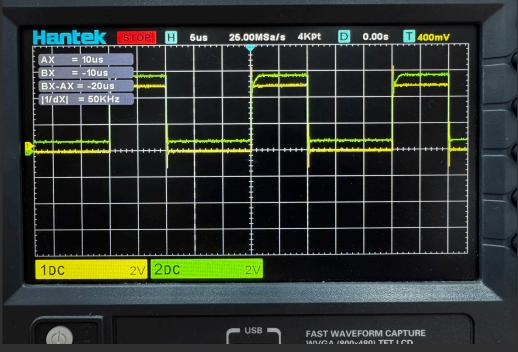


(3) Mersul luciani

O JAA Schema montajului RA  $\begin{array}{c|c} A & \Delta_1 \\ \hline B & \Delta_2 \\ \hline C & \Delta_3 \\ \hline \end{array}$ J Q Y JAA = 15V a) Ja= Jo= Jo (3.1) RA= 10K-Q b) /A= /3=/c=/s T= OV C) 4= VI 1 B=Vc= VS Vs= 51 d) U/4 = V/8 = V/5 , V/c = V/S (3.2) -> mosurare curent de intrare pe A (3.3) -> verificare function SI (3.4) -> pt. catul /4 = 1/B = 1/c = 5 Y -> se aplica la intrare un impuls cu parametris definiti astfel ti = 10 Ms | VI = 0; VS = 5 V | T = 20 Ms

 $\mathcal{L}(t)$ Obs. -> 117 vulizare semmal de la résinea portii ; os cilografiere pt. parametrii dat. -, masurone Tr ; Tc 100pF 220pF -> moss. In ,Tc pt. 470 pt 1nF 1,5nF -, 5 V, 10 V, 20 V =) -, comp. cu 15 V -> se modificé VAA -> (capacitate de 100p7)

RA= 132\_0 12=2 CPm 2 9) C = 1000 F ر ۽ ، T= 25 Ms (5 div. T ms) t; = 10 MJ (2011.5 MS) Tr = 13. 10. 100. 10 -12 ln 2 = 1300·10<sup>-9</sup> ln 2 ~9,01.10<sup>-7</sup>s (calcul) ~900 ms 900 ms ( cunson) tc ~ 200 ms 2 CHANNEL DIGITAL STORAGE OSCILLOSCOPE 150MHz 1GSa/s **DSO2C15** 



b) C = 220 pF  $T_2 = RC \ln 2$   $= 13.10^3.220.10^{-12} \ln 2$   $= 1982 m 5 = 1,98 \mu 5$   $T_1 = 1,12 \mu s (cursor)$   $T_2 = 160 ms$ 

lantek

**DSO2C15** 

2 CHANNEL DIGITAL STORAGE OSCILLOSCOPE

150MHz 1GSa/s



USB -

c) C = 470 pF  $T_R = 4/3 \mu s$  (carson)  $T_R = 200 m s$  (carson)  $T_R = 4235 \cdot 10^{-9} = 4,235 \mu s$  $T_R = 200 m s$ 

Hantek

**DSO2C15** 

2 CHANNEL DIGITAL STORAGE OSCILLOSCOPE

150MHz 1GSa/s

