Solution : CAN et CNA

Exercice sur le CAN

$u_e = q_0.N \rightarrow N = u_e/q_0 = 1.2/0.1 = (12)_{10} = (1100)_2$

Exercices sur le CNA

TD1 $U_s = q.N = 0.5 \times 11 = 5.5V$

TD2 $N = u_s/q = 2.25/0.25 = (9)_{10} = (1001)_2$

TD3 $U_{max} = U_{PE} = 10V$

TD4

1- $q = V_s/N = 0.2/1 = 0.2V \rightarrow v_s = q.N = 0.2 \times 31 = 6.2V$ (c'est la pleine échelle)

2-   Quantum q=0.2V   (c'est la sortie pour N=00001)

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