Projectures chruiteles numerice

$$I_{c} = I_{R_{c}} + I_{S}$$

$$I_{S} = I_{R_{c}} + I_{S}$$

$$I_{R_{B}} = I_{R_{c}} + I_{C}$$

$$\frac{1}{R_{B}} = I_{R_{c}} + I_{C}$$

$$\frac{1}{R_{B}} = I_{R_{c}} + I_{C}$$

$$\frac{1}{R_{B}} = \frac{1}{R_{B}} + \frac{1}{R_{C}}$$

$$\frac{1}{R_{B}} + \frac{1}{R_{B}} = \frac{1}{R_{B}} + I_{C}$$

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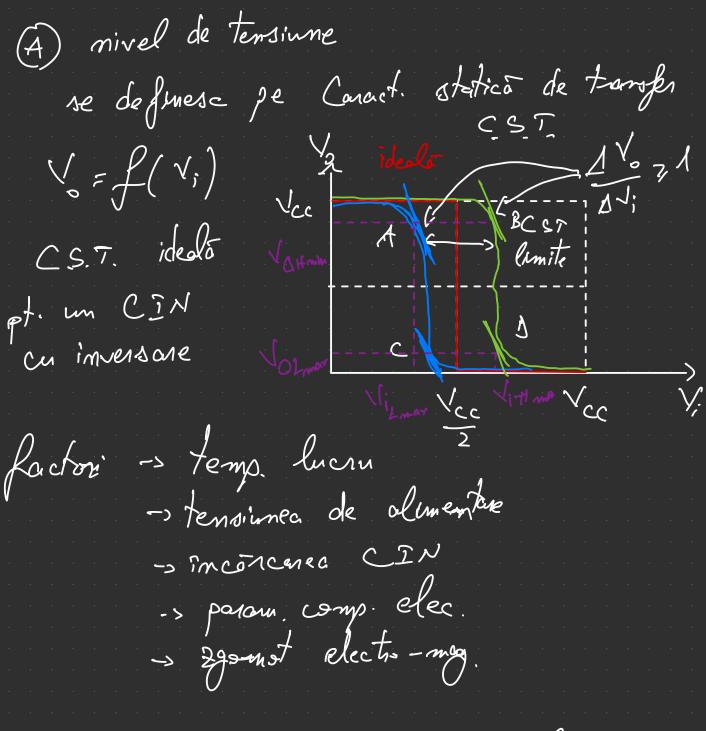
alagem Ic= 10 mA Fre Vcc = 5V BES: 9,757
B: 120 ~ IZ : 1 Ic = 5 mA Is: 1/2 Ic: 5 mA I = 1 MA 9) Re = Vcc - Vc = 5 = 5-0,1 5-10 5-10 b) RB = - - 10 = 10 = 10 = 1 MD alegem P3 = 100 k_Q 5-975 10.10⁻³ 10.10⁻³ 100.10³ R = Vcc - BES FC + NBES - VBB RE 42, 5 K-R R = 40 k_2 R3 1 Roman Roman Rmax -s Ima -s consum Rombin -> I max -> Corns.

max.

-> Hump manum

-> R

Parametri de bará ai circuitelos Integrate numerice

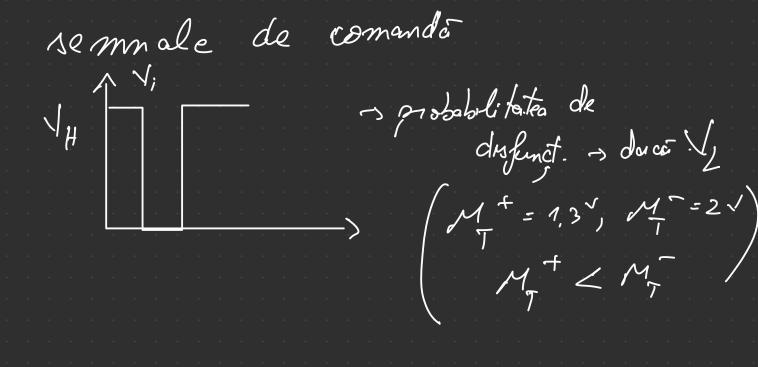


A si s -s cel moi defavorabil
lef. man

Volumen ; Volumen) 28 ne de fot a Vilmax I Vilman) Cin 9) Zono delimitates de Jcc - Jo H mm > 2000 2000 de junitates la rusa VH b) 29na delun de [== Volmm]; inf. of Lonax) -> 2000 admissão la hitrare pt. mirelul logic inf. d) [Vi H mm s VCC] -> nivel logic superior €) 2000 €) 1,4mm, Viz mex] -, 2000 de tranzitie, productoul ou garantea 76 fct. logics., medefinit VILHMAN > VCC

-- Vil max VoHmm - VIHmm EVJ M = II 2 max DL max [V] ex. min TT2 > VOHmm = 2,4V JH man = 2 1 VOL MOUX = 0,4 V VIL max = 0,8 x

M = M = 0,4 -s periculacise des pot de vedere lagà -> periculacise des pot vedere electronic 3, C A, S MZ normale -> MTipicé : VH-Y M Tipico = 1 - 12 V#= 3,5 √ VT =1,5 ex. TTL VL-0,2V M = 2 M = 1,3



$$F_{EH} = \begin{bmatrix} \overline{I}_{OH} \\ \overline{I}_{IH} \end{bmatrix} = m$$
. Introduction $P^{T}_{OH} = 0,8$ m. P_{I} $P^{T}_{OL} = 16$ m. P_{I} $P^{T}_{OL} = 16$ m. P_{I} $P^{T}_{OL} = 16$ m. P^{T}_{OL}

FE = min (FE Hi FEL) = 20 (porti)

Cu a pointe TIL > poteomenda max 10
porti