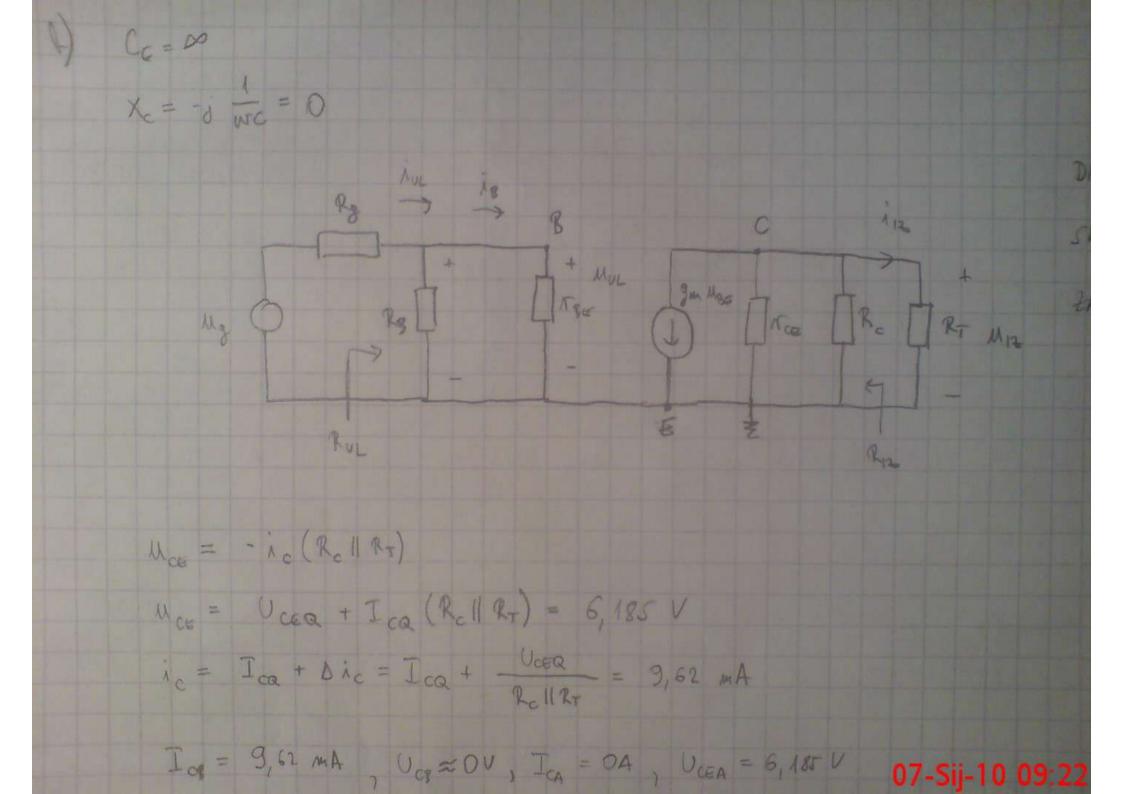


MCE = - ic (Rc 11 Rt) - ic RE = -ic (RE + Rc 11 Rt) McE = McEQ + DMCE = MCEQ + Ica (RE + Rc 11RT) = 8,837 V ic = Ica + Dic = Ica + (818+12) = 5,479 mA ICE = 5,5 MA, UCB & OV, UCEA = 8,84 V, ICA = OA UCE MAX = UCE - UCE a = 4,41 V I CE max = Ica - Ica = 2,7 MA I zmax = Ice max Rother = 1,736 MA U 12 Max = 0 ce max = 4,41 V

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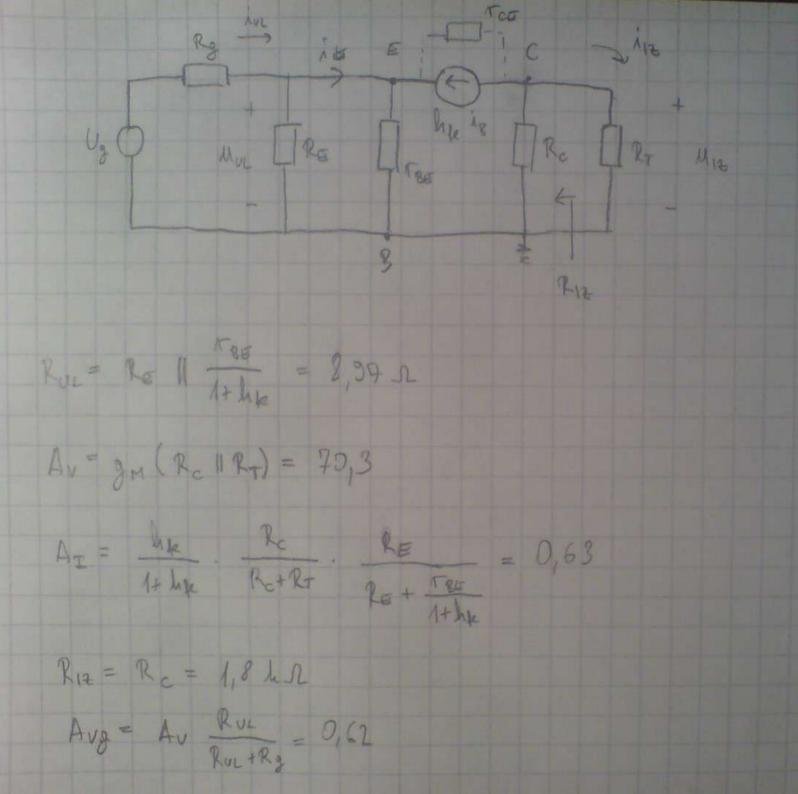
WCE = - 10 (Roll RT) UCO = VCEQ + Ica (Roll RT) = 6,185 V ic = Ica + Dic = Ica + - Ucea = 9,62 mA In = 9,62 MA, UCB = OV, ICA = OA, UCEA = 6,185 V VCEMAX = VCEA - VCEQ = 1,758 V I come = Ica - Ica = 2,734 mA I iz mon = I cmo Rc = 1,758 mA U12 max = UCE max = 1,758 V 07-Sij-10 09:22

3) a) 
$$C_{E} \rightarrow \infty \Rightarrow X_{C} = -j \frac{1}{378} V$$

Ru =  $R_{B} \parallel r_{BE}$ 

Av =  $R_{B} \parallel r_{BE}$ 

EM MERSIA 1) C= -0 -> Xc = 00 DEGENERACIA RUL = R8 11 [ +80 + (1+ he) Re] 24 = 2,238 ks R12 = Rc = 1,2 ks Av = - hate Re 1 RT = -0,65 AT = - he Rc Rs (Rc+RT) (RB+TRS+(1+ he) RE) - - 46,3 A= = -1,49 Aug = Au Rul = -0,45



DINAMICIA AVALIRA

SKLOPA U SPOJU

ZAJONICKE BAZE

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Tablica 1. Brojčani rezultati zadataka za pripremu.

SZE								
	Max. hod	Rul	$A_V$	Aı	$A_{Vg}$	Riz		
$R_T = 1 \text{ k}\Omega$ $C_E = 0$	4,41 1	2238 A	-0,65	-1,43	-0,45	18001		
$R_T = 1 \text{ k}\Omega$ $C_E = \infty$	1,958v	658,5 s.	-70,3	-46,3	-27,31	18002		

SZB							
$R_{ul}$	$A_V$	$A_I$	$A_{V_g}$	$R_{iz}$			
8,971	70,3	0,63	0,62	18001			