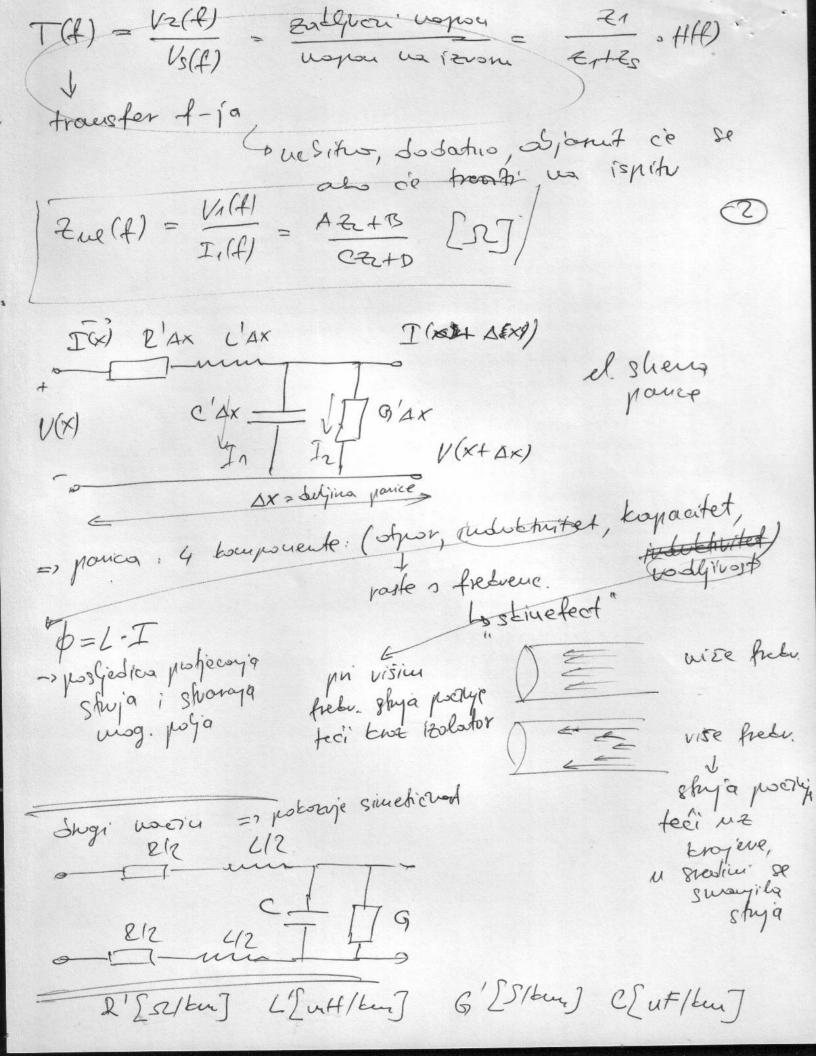
=> KADO MODECIRATI PRIJENOSNU CINIJU7 to brain EMV => proshronje troz ži w Lo 000 je za zièni pujeus, ne za bezièni cetresopol: 2 alora, 2 izlora => osquora parici piaosai appour In Iz piaosai appour In Iz (AB) + (S) perolibe Vn (CD) V2/I Z. (2000 Zul PARICA Dive nojjelust. Selit Eedenjuls Sorolino 23 Je vorliba potenciala inete lineoni surfaire [I] CAT 3 do 30 MAZ CAT 5 50 150 4/ AST V2/ hordjus =>/ mogree scrent In - (90) In to (investigati) VOSC 00 lo tela zusti matrica 30/1/2 racon / 1 => bez jebinice lo ispisati peduadise => noprii el motionion oblitur hose

-> alœuero pissti jedinice for Mouice tel. u => prijecussus f-ja => strpayi st materials Henry i m vesto losse od CAT3 $U_1(f)$ $U_2(f)$ $U_2(f)$ $U_3(f)$ (HTH)= 1/2(H) => zanenonti u bezizi Te => & pujeussua f-ja, neua dimenzija



=> juni hra uglarion RC kng, s volo L, G uglarion. V(x)= I(x) P'Ax + I(x) Djul'Ax + V(x+Ax)
= { 25 rejour padore usponed TIME V(x+Ax) - V(x) = -I(x) (24jwc/)Ax AV(x) = - I(x) (2'+jwL') lie AV(x) = DV(x) = -(R'+jw(')I(x) $T(x) - T(x + Ax) = V(x + Ax) - G'(Ax) + \frac{V(x + Ax)}{\int wc'Ax}$ $T(x + Ax) - T(x) = -V(x + Ax) = T_{2}$ $T(x + Ax) - T(x) = -V(x + Ax) = T_{2}$ \$64jwc'/Ax A I(x) Ax = - U(x+ Ax) (645 we') ling AI(x) = 12V(x) = - (8'4'w(') SI(x) L = - (2'+jwc') (G'+jwc')/(x) 22VX

8= ((e'+jwc')(G'+jwc') => bez divergip = L+j/3, f(f), L(f), L(f)

1 20 sod to) Zogus

prigrsegip forma [rod/km] zamonnjeno [mods/km] = veyen 2'=G'=0 => lingin bez gubitats, x=0 =, neus pronjene /5≠0 Lo 2a Zadatte] amplitude napona A = préparje suage = L. l. [No 11(4) - I 7 VZ(R)
H(4) A= lu / W(+) [NP] 1 du 3/19/ pro A = 20 log | 1/4(+) | flu | 1/2(+) | 1/4/= | 1/4/e 1/4 |

=> 4-5 20 log | 1/4(+) | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | flu | 1/2(+) | 1/4/e 1/4 |

Note | 1/4 | 1/4 | 1/4/e 1/4 |

Note | 1/4 | 1/4 | 1/4/e 1/4 |

Note | 1/4 | 1/4 | 1/4/e 1/4 |

Note | 1/4 | 1/4 | 1/4/e 1/4 |

Note | 1/4 | 1/4 | 1/4/e 1/4 |

Note | 1/4 | 1/4 | 1/4/e 1/4 |

Note | 1/4 | 1/4 | 1/4/e 1/4 |

Note | 1/4 Se listarovjuja = 4-5 zasatoka s a) - e) => Either pisati i ne rozdogiati sjesogia => P,L,C, G => prinoni paraneti, zodaji na početku, L, M, J i 20 => sekudomi, produgie se iz R, C, C, G

20 = palua impedancyja = \frac{R'+jwc'}{G+jwc'} ['57] /= 2r1j Zi = /20/ejlo s wa visin helv. (ad 10 lette) to je toust, =100-120 aujo hez gusitoka Velt/

Velt/

prospraja = u panci 105

prospraja = u panci 105

prospraja uite frebr. = marye prignienje [2 r f] 1/1 (6, 81 = (Asia hutips) [V] bue ovisi o vemen p (Aora nogena), valui ponot, B = pronjen fore u jedinia: duline $\frac{d\phi}{dt} = 0$ $\frac{d(w + Bx)}{dt} = 0$ $w-s\left(\frac{dx}{dt}\right)=0$ of W=sup7 yestiche of inging vertiche of anything of a postjedica sucception of anything 3 = possiedica strenja sigualo

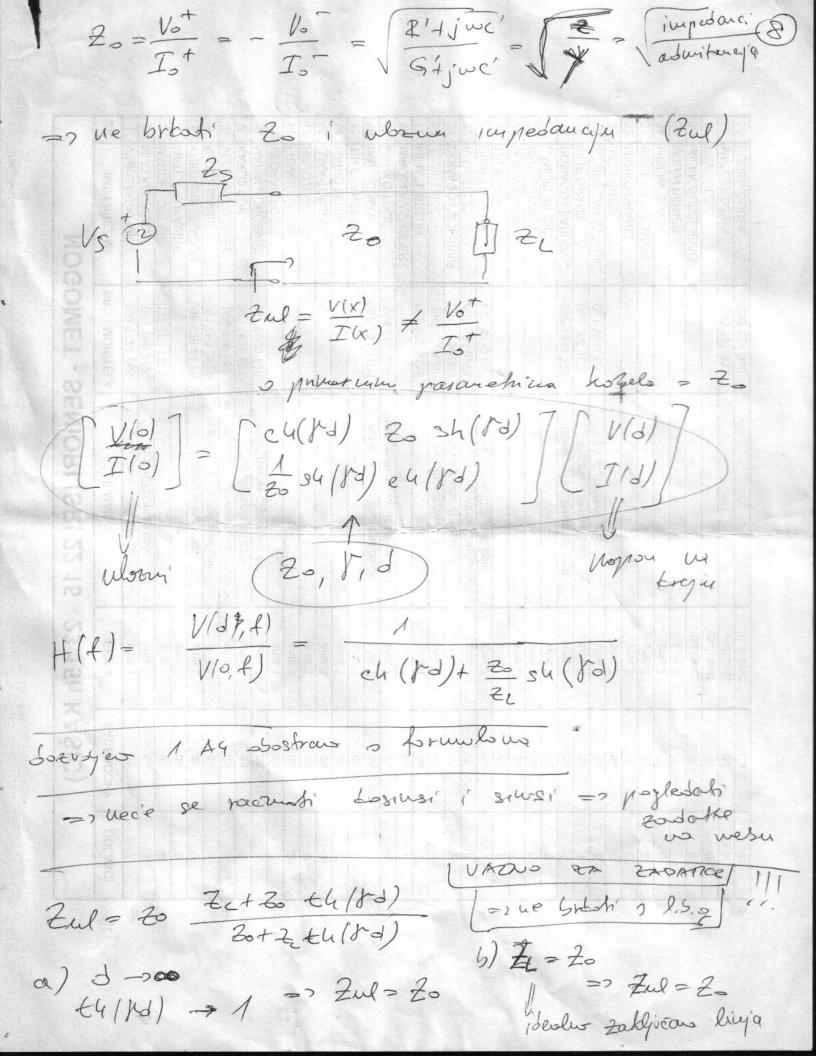
values duljina = iznest 2 tocke u istoj fozi 15-2 = 2Tili(0) = sin (10+271) = sin (0) 13 = 27 /= see form brein = 1/p = W Vp = 21 = 21 = 2 f => HERE-BARRO CIC': optiles; volori: procitati 1.5. g => $V_p = \frac{1}{\sqrt{L'C'}} = s$ nekada i > od e pa ina vise mot. znaceyje => grupua brana: kad ivaro vise blisher frebrencyia
Lo vise vos zamero per je mujet < od ? = A cos [[w+Aw] + - (s++As) x] + A cos ([w-Aw]+-(s-48) = 2A cos [FAWE - AKX] cos /we-sx) uspous horis titing V p amplihia si ovoj Vg = binna kretogia ovojince (iscottano) (Awt - ABx) = Aw(t - ABx) $V_g = \frac{dw}{d/s} = 3gnynw kəsiyayilə = \left[\frac{1}{2g}\right] \leftarrow -\frac{x}{\left(\frac{aw}{4B}\right)} = V_g$

Up = w [buils] & Ep + 1/p [s/km] Vg = dw [km/s] (Zg) = 1/4 [s/km] 1 de = 1 - dB dx = 0 $\frac{dR}{dw} = 1$ $\frac{dX}{dt} = \frac{dw}{dt} = \frac{dw}{dt}$ => Ep i Zg izud 10 bHz = 5 43/60a Vp = Vg = 200 000 km/1, \$2/3 .c & 1e ok = frakalie komponente (slovenje) ophka = electrosteluita $\frac{d^2V(x)}{dx^2} = y^2V(x)$ V(0) = Vo+ Vo) V(x) Voe - 8x + Voe +x IIXX=ADe-rx+ADe rx gre je ey colo i f-ja Betvency'e

VK)

Myahii

vol Jose xx Vo +



PRIJENOS SNAGE 3 12 NORA JA

25 = RS+j/s

1 = L = RL+jXL

Max. pujeros kooda $X_S = -X_L$ $Z_S = \overline{Z_L}$

$$P(f) = \text{Stedya} = \frac{1}{2} \text{Re} \left\{ V \overline{I} \right\}$$

$$= \frac{1}{2} \left| I \right|^2 R_L = \frac{1}{2} \left| \frac{|X|^2 R_L}{|X|^2 R_L} \right|$$

$$= \frac{1}{2} \left| I \right|^2 R_L = \frac{1}{2} \left| \frac{|X|^2 R_L}{|X|^2 R_L} \right|$$

=2 tupration se tracentiment

Zs=Zne La vox pyeus sugo 1 d=20

a) d=20

ISPIT:

kanda je mox. pujeros o pouce

kanda je mox. pujeros o pouce

Loovo pulagostavan $2ml' = 20 \quad 2s + 20 + 4n (1/3)$ $2ml' = 20 \quad 2s + 20 + 4n (1/3)$ $2ml' = 20 \quad 2s + 20 + 4n (1/3)$ $2ml' = 20 \quad 2s + 20 + 4n (1/3)$

Look cijent refletsije me opterecegn [brojn parce]

f= 2c-20 = Voets = omjer stong tooz tot. volg

L= 2c+20 = Voets

Ec=20 => Si=0

$$f_{S} = \frac{V_{0}^{-}}{V_{0}^{+}} = \frac{2s - 30}{2s + 20}$$

Leborn loss = PL = 10 log (1/191) 2 [JB]

S manya -> PL velik

Lo kolika teklels je puo izgusiki => eigi. 570 vise