$f_S = \frac{V_0}{V_0^+} = \frac{3-30}{3+30}$ Lehru loss = RL = 10 log (1/19) [JB] I manya -> RL velik Okoliko reflets je pur izgusili en eigi. Sto viste pransferi odrojak 7 news MRH, jetsmo spon, ne pamet pupilinizacija PREMOSTRUI ODVOJAK gustjege Vld, I'd) agsusge duljing do pellelsija \$00 } pravi sit (Eista swehya) - liuja o obrojtom - treba odrojiti = BEST SOCUTION - neupohebljing 20 objetem uslugu nour of Zallycothi a Bo 1 = 3 Pei φ1 φ2 φ3 ugesa i shija o pocetta 3 sh (18) [VId)] $\begin{bmatrix} V(0) \\ I(0) \end{bmatrix} = \begin{bmatrix} ch(80) \\ \frac{1}{2p} sh(80) \end{bmatrix}$ u odnom el (8d) [I(d)]

is photom

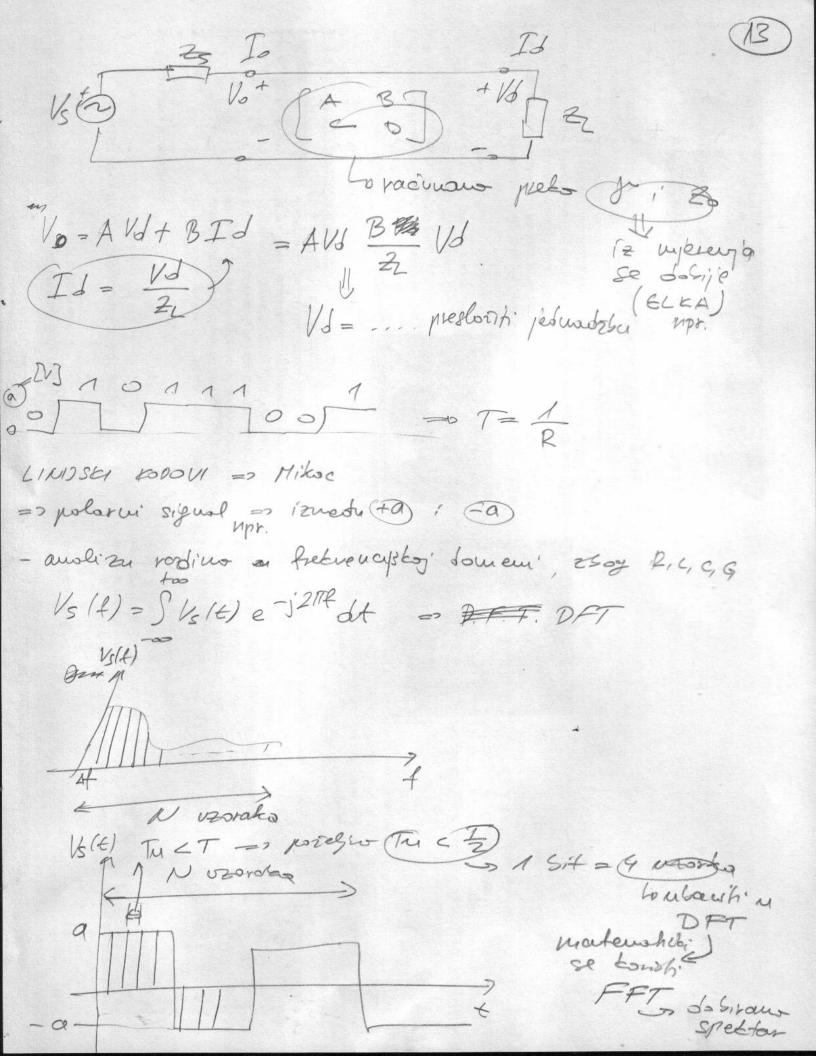
na hoju odugla

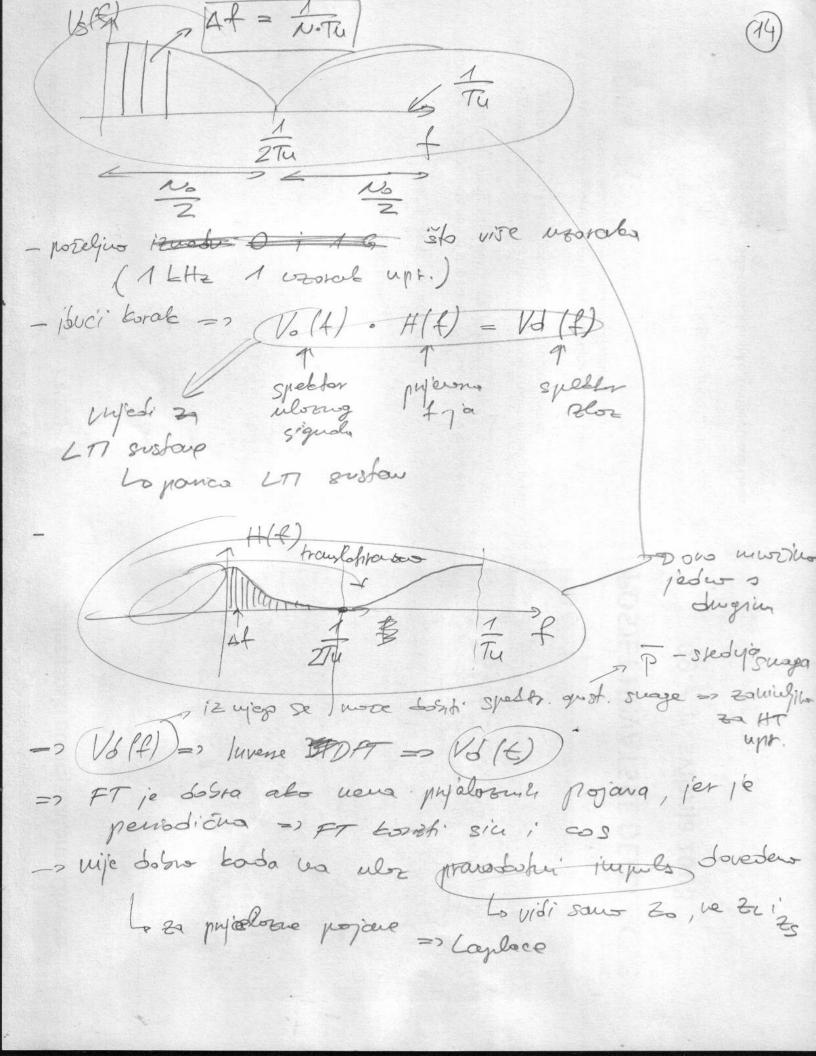
Ppo = [1/2,0] iz p vadina A,B, C,D i racusus Zup $\frac{L_0}{200} = \frac{A 2 L + B}{C 2 L + D}$ ulo 2PURINIZACIDA

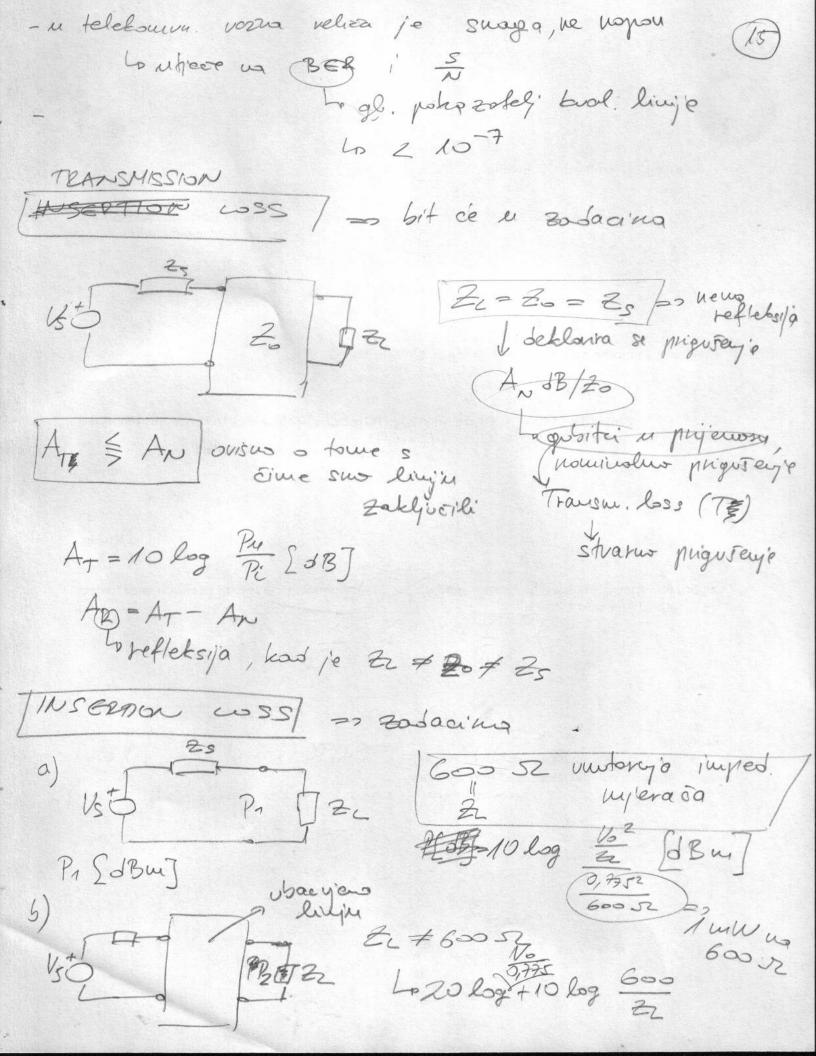
D prejako priogusuje ADSL, kontruse za telegrafiju

g matrica zavojinice $\frac{1}{\sqrt{2}} = \begin{bmatrix} 1 & \text{int} \end{bmatrix}$ w = 1 TOO sob linge s obstran no w odredyens L => kabby vollesty projevosoig 30 47 uf/kur AF/kur upr. pa se strka I ili blo je vetto spojo 9,9 na 0,6 mm hosep Lodistoutivitet impedancejo \$ promjer parice 2=9= \$ \$ = Q== HR to seffebblig Amerika -> AWG 22,29,26 De sugisse performance to AWG uj: jedicica d[um] = 92 36-AWG .0,127 [AWG veci] (mony'e kayaya, many'e #...)

=> moraus imati izujerene f, L, C, G, ovisce o fretuency'i, vzim se po 1 km kabela . - vrsiti ujerenja na 100 vzoraka eca, a i više as STASTIKA - note se oduali doc'i i do sotundarnili parametora (5,2) 事一年9 場が uloz-kratko sjeojer-2. Zup = 32=0 21+20+4/80) Zuz = 20 # E4/18) Zu = Zo. 20+ 2c th (fd) Zup= Zu(rd) 2=00 202 = 24 - 24p/ 1= 1 the (Zue) > 2a Zasatke (kamplelsin) elementami nego mento svaki ed P, C, G, C parametera G= Re { = } l = Re {10803 C= 1 2 2 3 L= 1 /m 2 1203 Loza simulacejar aust potrebui, Sousque f'is = pogledati u kujizi model Lo vece biti u MI







SMETNDE => neus prijewsa sez yil -u DSC-u je PRESCUSTUANTE glama smetyja Lo judukcijom = boz zrak

- sum smojnje s kojaciti se smojnje, BER roste

1) 1/5 Pap Zo 17 Zz

2) 3 m Rep Mongrap ZoL

- zamino nos sano 1 sujer pa new rostjashih sklopana

komocitivna i induktivna sujer pa new rostjashih sklopana - kopocitivo i inductiva sprega => neideolost parce -90,-100 dBur coa hearend cross talle
Ab = 10 log Pap [ob] NEXT
Pap - stedya Pap ovisi i o duljihui luge Ago 10 log PIP [dB] FEXT, 7 NEXT per so preshigano your of

=> FDD metoda se konsti => NEXT (zójegunt i'

PEXT o visio l'i

govori bolitor daleko

eigusl unite ici;

centrala preslusances o jace

preslusances o jace

preslusances o jace

Lo expects

speckua unanguent

u probes o poses o poses o dogado Al - 10 log PIL [38] ELFEXT PS-NEXT) => power som NEXT

Lo 10 log (PD) | swage izway

Lo 10 log (PD) | swage poslivaray a velicine PS-FERT, PS-ECFERT ETSI preponde => rocknampe FETT, DETT, bug'about pancy