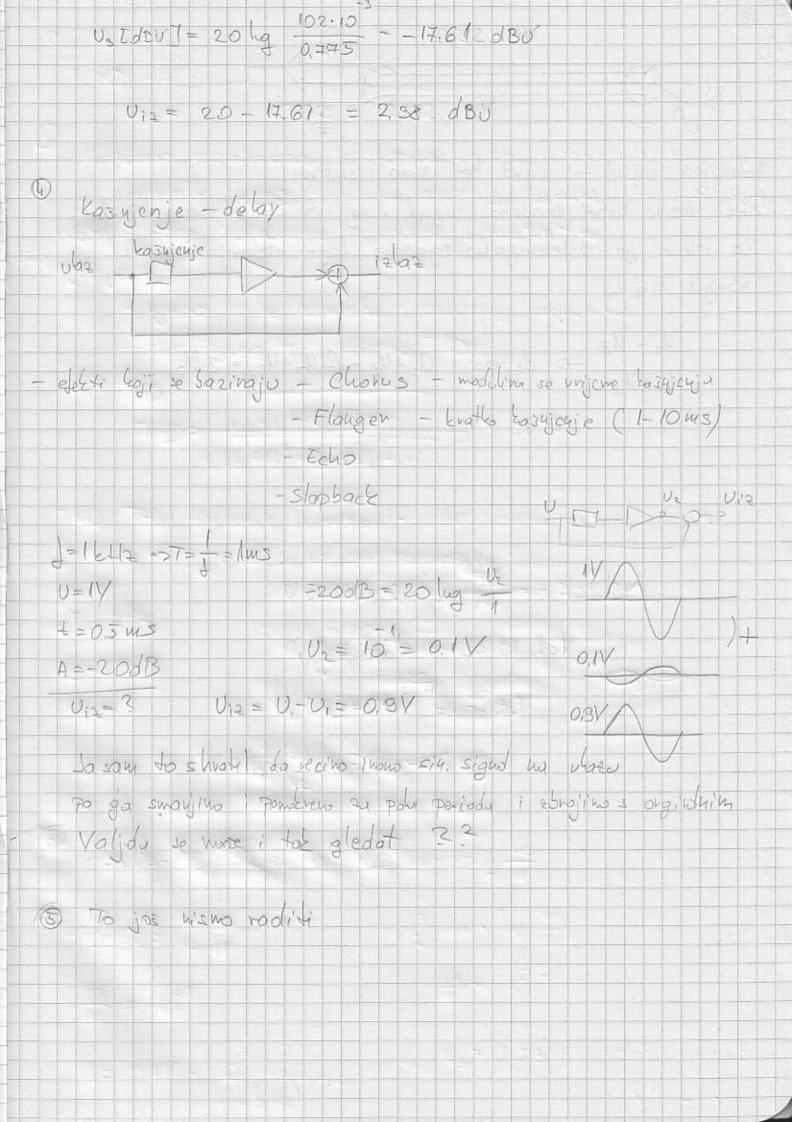
Audiotehniku	
LIMI - Agripa	
1) Melinearus harmonicky restricenją so ono izoblice	erja Egja
de geverinaly some hornonile osnormog signala.	To izoblicany
nostajo 250g nolineanne prijonosne korraktoristike	
Merenje:	
- mjains varine homonies i as what harmonie	0
- usporestujeno 14 (nocunamo THD)	
$7 + U = \frac{\sqrt{U_1^2 + U_2^2 + U_3^2 + \dots}}{\sqrt{U_0^2 + U_1^2 + U_3^2 + U_4^2 + \dots}} + \frac{100\%}{100\%}$	
140 (Total Harmonic Distortion) - adnos novamastalis	hormoniki
J=1 EH2 0 0 BV = 20 log 100	
$K=2$ odbv = $\log \frac{V_0}{IV}$	
Vo=IV - osnovn sig	
-20dBV = 2dog U1 -30dBV = 20ly U2	
$-1 dBV = lim \frac{U_1}{1V} \qquad -\frac{3}{2} dBV - lim \frac{U_3}{1V}$	
$\frac{U_1}{IV} = \frac{1}{10}$	
$U_1 = 0.1V - 2$ hormonik $U_3 = 0.0316V - 2 + 10.0000000000000000000000000000000000$	4. hannouis (4. k 1/2)

THO = 1012 + 0.0316 100 %. 1/17+012+0,03162 VU2+02+027 THD = 10.43% U= ± 45 V = = > dreba bit ejectivna rapini (valida) Usume = 10 mV => Object signol-sun - odros između max, razina signola i razine utum 5/W= 20 lug (UMAX) = 20 lug (45.1/2) = 70,050B Divanier pojatare - odnos varine some i max. varine, ali sa maksimalnim harmonitein izabitanjima manjim pd 1% (THD<1%) THD21 - 25 V S/X/ = 20 lug (25) = 67.95 dB 03 20 dB we associate decibele & - methoriti o napone -30 d80 = 20 hy 0,775 /21 - 2000 - 20 lig - U1 U2-10.0775 = 24.5 mV U, = 10 · 0.775 = 77,5 m/ U3= U1+U2+ 102 mV -



8 Bolousirou signol - signol bez sona i smanii Know trorini cabel prevosino signo i toj isti signo esievelit u fazi. Na izlano je diferencijalno pojadalo kaje otklarja som & Snaja signo