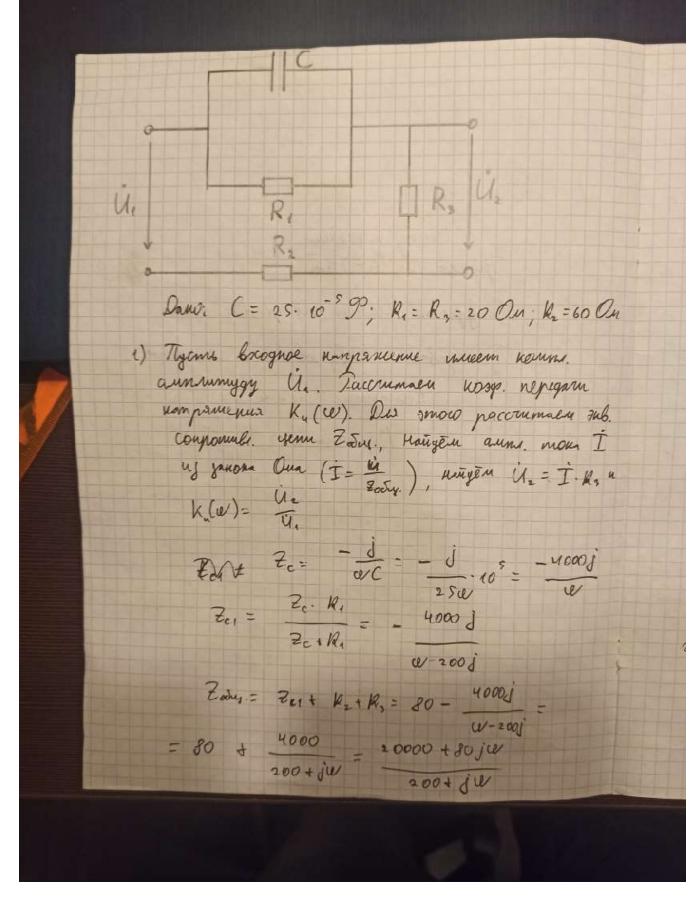
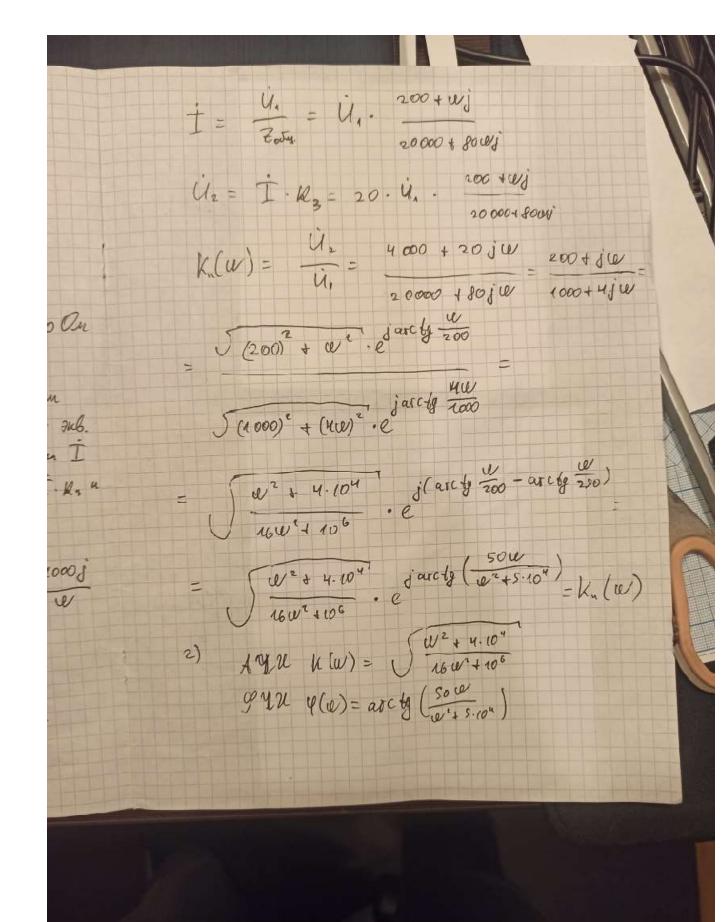
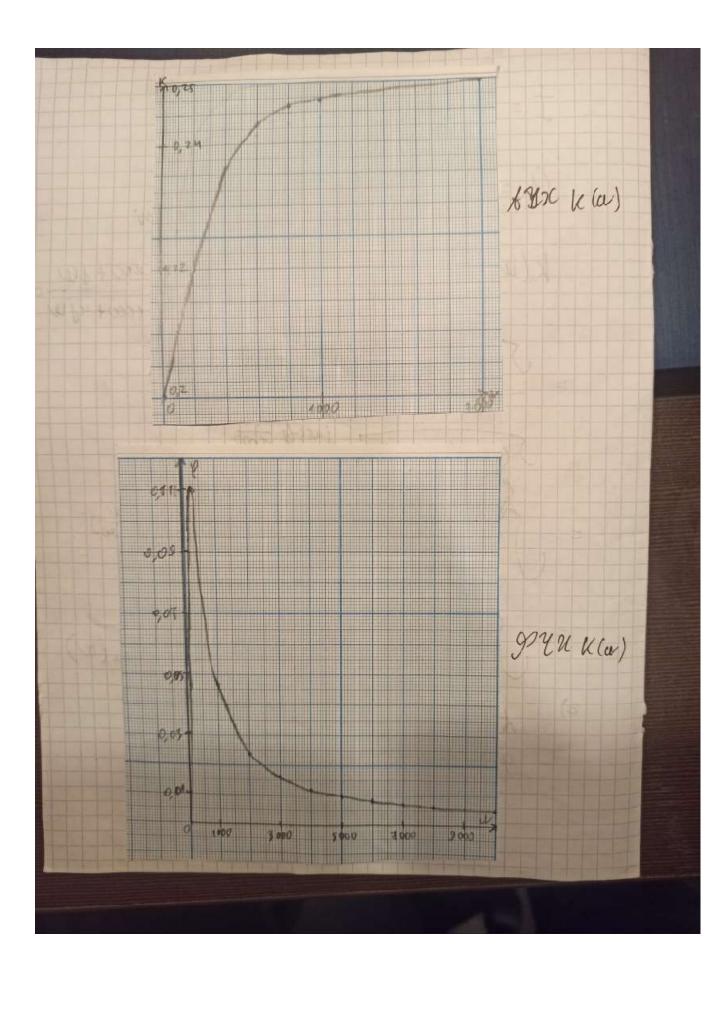
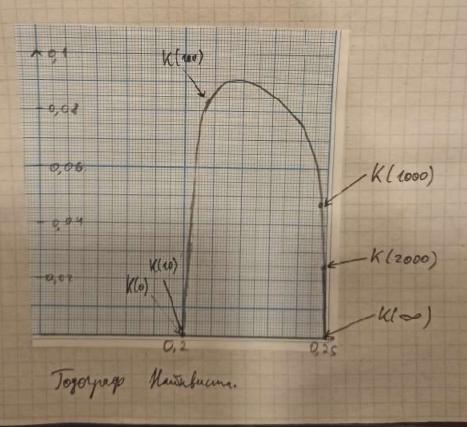
Jugana N 46-345 Conggerm: Hummen Tierry Luxuelbur Tyenogoboniero: Cuberneob Cepren Toububur Douarnee jaganne 1/2. Bapuarin W17.







3) 
$$K_{u}(0) = \int_{100}^{44} \cdot e^{j \cdot axc \cdot by \cdot 0} = \frac{1}{10} = \frac{1}{5} = 92$$
 $K_{u}(10) = 0,2001 \cdot e^{j \cdot 0,0009} = 0,2001 + j \cdot 0,002$ 
 $K_{u}(100) = 0,2076 \cdot e^{j \cdot 0,0831} = 0,2069 + j \cdot 0,0172$ 
 $K_{u}(1000) = 0,2473 \cdot e^{j \cdot 0,0476} = 0,249 + j \cdot 0,018$ 
 $K_{u}(2000) = 0,2473 \cdot e^{j \cdot 0,02469} = 0,2492 \cdot j \cdot 0,0062$ 
 $K_{u}(2000) = 0,25 \cdot e^{j \cdot 0,02469} = 0,25$ 



u) U= 10 N; w= 2-10° pagle.

 $\dot{U}_{2} = \dot{U}_{1} \cdot K_{u}(w) = \dot{U}_{1} \cdot (0,2492+0,0062j) =$   $= 10 \cdot 0,2493 \cdot e^{j \cdot 0,0000000,00247} = 2,493 \cdot e^{j \cdot 0,00247}.$ 

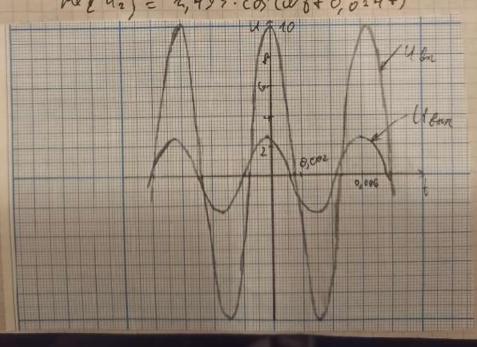
At Lummyga U2 = 2, 493; apaga 4 = 0,0247 pag.

Denomb raemb brognow unpose:

Red U. 1 = \$, 10. cos wt

\$ - U- burrogn ungane:

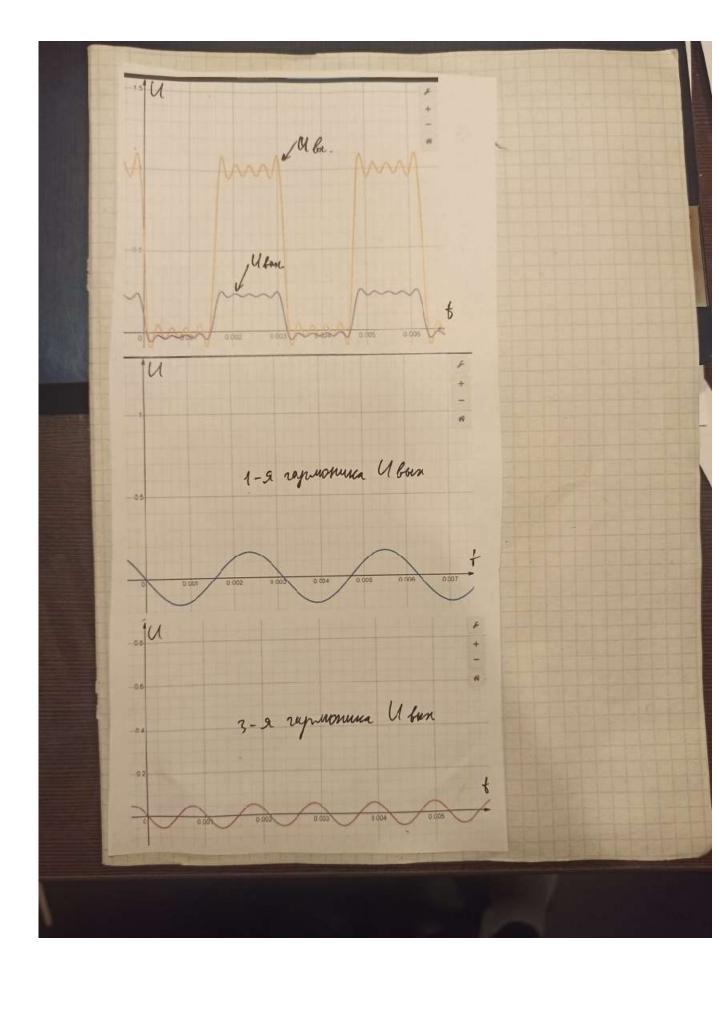
Re{ 42} = 2,497. cos (el 6+0,024≠)

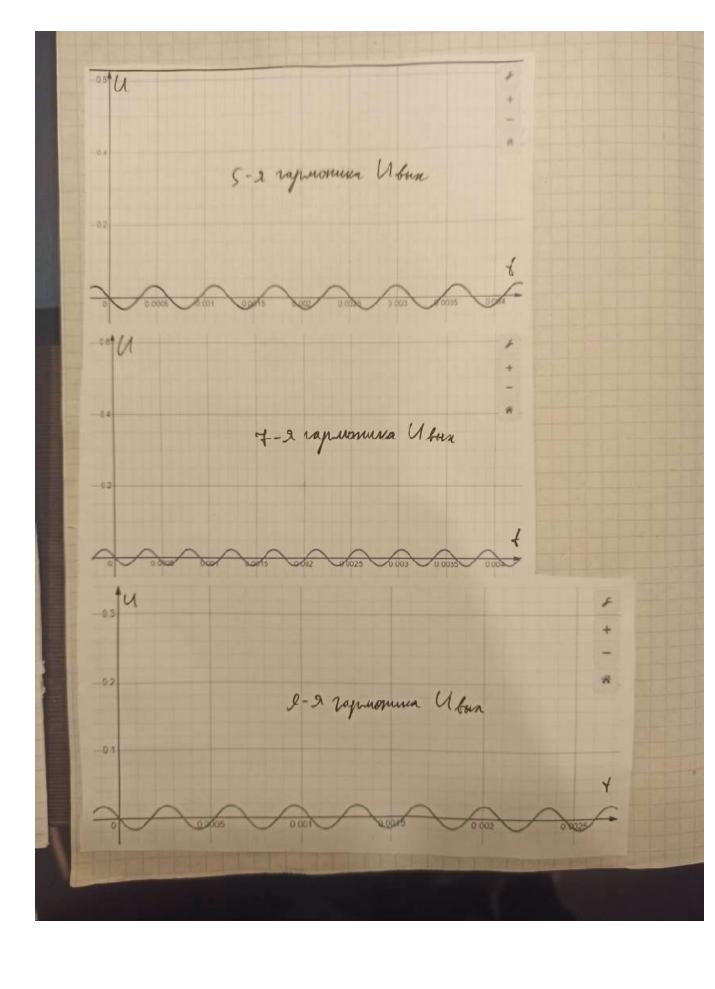


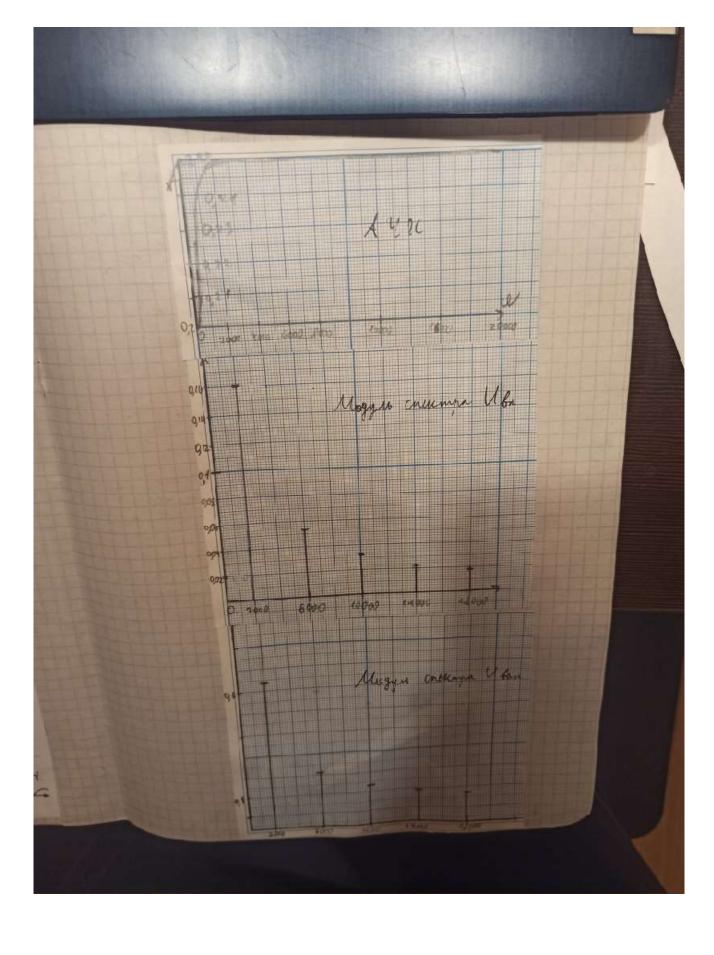
Me busy nogen cumulenjurusin pravoasionumena meany. A=1 B; W= 2.103 pay/c Uill = I (sinwf+ sinswf + sonsw6 + sintw+ + singut) . 1 + 1 To represent ( Guogn. curran): Mo= 3 U1= = = SIN 2000 f = = = = cos(2000 ft ==)= = = = ej = ej 2000 f U3 = 3 sin 6000 t = 2 d = j soco t Us = 2 · sin 10 4 b = 2 · e 3 = e - 107 f U= 2 . SIN 14000 f = 2 . e j = e j . 14000 f U, = 2/9x · sin 180008 = 2 · e = 2 i 280006 Deprushmen bursagnows curumen: Vilux = Ui. K(iw); is (0,1,2,5, +,9) U. bun = U. (6) = \$ -0,2 = 0,1

U, bun = U1. K(2000) = U1-0,2493. e,0247

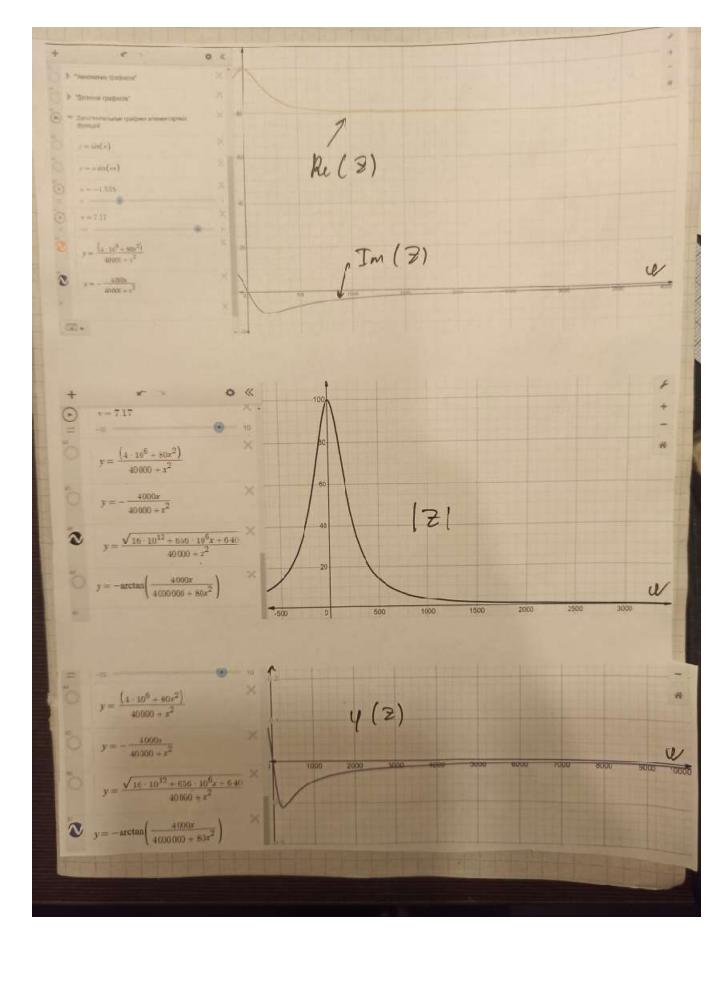
= Urtin = 0,1584. e - e 2000 u Unfan = 0,1887-e, 120002 Ustun= Us. K(6000) = Us.0,2499.e,0,0083 = = 2 e 1 e 16000 t 0,2420. e 10,0083 = 0,053. e 1,5491 . 060006 Us for = U, K (104) = 2 e = 2 e . 0,2499 . e, 0,2499 . e, 0,2499 . e = 0,0911. ed 1,5758 3.1076 Usfan = U4. K (14000) = Tx. e = e i 14000 (0,2499. e jo,0036. = 0,0227. e j1,8444. e j-40006 Us fan 2 Us. K (18000) = 2 1 1 1 1000 1 .0,25 = 6 30,0028 = 0,01+7. ej \$\$\$36 j-40006







7) Cy. nynum 1), re de parumano congramma cenne Zary, rbs. Brognome. 2000 + 80je (2000 +80je) (200-je) 2002, ce² 4.10 +8012 4 000 Cl 40,000 + 01 2 40000 +01/2 Im (8). 34 He (8) 31 = 0 16-10" + 64-10 7ce" + 16-10 6ce 2 + 6400ce 41 40000 + W2 y (3) = arcy (- 40001 - arcy (40001)



= jet 200 + 2000j jot = 1.(0,01246+0,000>j) = 0,01246.8,01462) 20 000 + 16 - 10 4 · p d'ort 12000  $v = 0.01246 \cos(2000x + 0.0246)$ 9) End=1 N; w= 2.10° peg/C; Kmp=4. Esub. = U Boux - Kmp = Ube · K(a) · Kmp Zoul = Za · Knyr

