

U2) = 130e 30 $2^{(2)}$ R + (+ $j_{\omega c_1 2}$) + $j_{2\omega L}$ (- $j_{2\omega c_2}$) 210-113,335 + 140 (-140) 7(1) 2 4(1) 2 0 5 p 20 T2 2 0 T3 = 0 TV 210, 1000 2100 213 R+(-j3wc,)+ j3wL+(-j3wcs) = 10-j8891+ j60(-j26,67) = 10 - j 8,89 + 11600,2 = 10 - j 8,89 - j 48,0108 = 10 - j 56,901= 257,730,032 $T_1^{(3)} = \frac{2^{(3)}}{2^{(3)}} = \frac{100}{57,736120,031} = 1,73226$ $\frac{1}{12}$ = $\frac{1}{13}$ $\frac{1}{13$ = 1,7322e 380,032 26 67e 90 = 1,3861e 39,968 $\frac{7}{3}$ $\frac{3}{19}$ $\frac{13}{13}$ $\frac{1}{19}$ $\frac{13}{13}$ $\frac{1}{19}$ $\frac{1}{19}$ 512 2(3) 7(3) = 100-1, 73228 - 173,22 = 180,032 = 20,084 - 1170,605 P= [I, 1) 2 R = 30,0052 2P 9 (] 3 (- 1 3 w () + (] (3 w () + (] (3 w ()) = - j259,334 + j115,2764 - j26,6746 - = - j170,7322

Bignorenne diorozo gionerial apyry

[] = /[I10]2 + |I10]2 + |I10]2 + |I10]2 = /0 + 484 + 0 + 3,00052 = = 22,0681 (A) $T_2 = \sqrt{|T_2|^2 + |T_2|^2 + |T_2|^2 + |T_2|^2 + |T_2|^2} = \sqrt{6 + 853,49 + 0 + 1,9213} = \sqrt{6 + 853,49} = \sqrt{6 + 853,4$ = 29,3327 (A) I32 / I312 + I I812 + I I312 + IT312 2 VO + 53,29 + 0 + 9,7238 2 = 03381 (A) Noway Bonomeipe V2 / [W2" I2"] + [w2"] (3) 18 2 591,8721 B Ve = 1 (1 to c3 T8 1) + (1 to c3 T8)) = 689,8918 B (A = 22 /2 sin (w++30) + 1,7322 (Isin (3w++30,032) (A) = 29,3/2 sin(w+ 30) + 1,3861 /2 sin(3w++90, 963) 143 = 7,3 (3 Sin(w++210) + 3,1188 (3 Sin(3 W++ 30,032) Pw = 4840 + 30,0052 = 48+0,0052 (Bs)