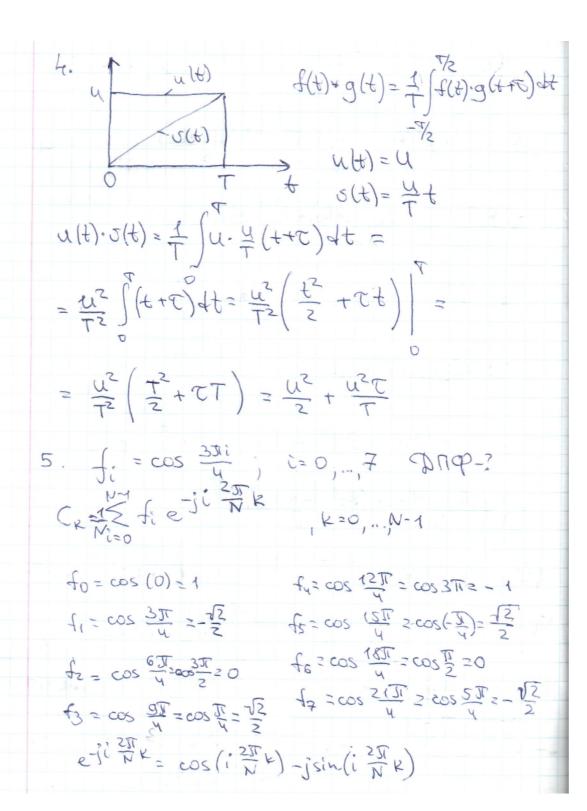


2 (R2 W2 L1 L2 - j R1 R2 W L2) (w2 L1 L2 (R1+R2)+j RR2 W (L1+L2)) 2 + (R1 R2 W (L1+L2)) 2 = R2 W4 L12 L2 (R1+ R2) + j R1 R2 W3 L1 L2(L1+L2)

w4 L12 L2 (R1+ R2) 2 + R12 R2 W2 (L1+L2)

w4 L12 L2 (R1+ R2) 2 + R12 R2 W2 (L1+L2)

w4 L12 L2 (R1+ R2) 2 + R12 R2 W2 (L1+L2) -j Rikz w3L, L2 (Ri+Rz) + R1 R2 W2 L2 (Li+Lz) = = R2 WY L12 L2 (R1+R2) + R2R2 W2 La(L1+L2) + + j R1 R2 W3 L162 (L1+L2) - R1R2 W3 L122 (R1+R2) = Re + j. R1R2W3L1L2 R1 R2W34L2 = Re+ + j RIRZWBLILZ (RZLI-RILZ) JEIM IK(Iw) = AUX = TRe2 + Im2; y(w) = PUX = arcty Re φ(ω)= arcto ReRzw3612(Rzl1-ReLz)
Rzw262(ω26, 126 (RetRz) + RzRz (LetLz)) [R(Jw)]= 2 / R2w8 L1L2 (R1+R2)2+2R1R2w6 L1L2 (L1+L2) (R1+R2) + - - Rikz 64 L2 (L1+L2) + Ri Rz W6 L1 L2 - 2 R3 R2 W6 L3 L3 + + RIRZ WELZLY



$$k = 0 ; e^{0} = 1$$

$$C_{0} = \frac{1}{8} \left(1 - \frac{\sqrt{2}}{2} + 0 + \frac{\sqrt{2}}{2} - 1 + \frac{\sqrt{2}}{2} + 0 - \frac{\sqrt{2}}{2} \right) = 0$$

$$k = 1 ; e_{k} = e^{\frac{1}{3} \frac{\pi}{4}} i$$

$$C_{1} = \frac{1}{8} \left(1 - \frac{\sqrt{2}}{2} \left(\frac{\sqrt{2}}{2} - \frac{1}{3} \frac{\sqrt{2}}{2} \right) + 0 + \frac{\sqrt{2}}{2} \left(\frac{-\sqrt{2}}{2} - \frac{1}{3} \frac{\sqrt{2}}{2} \right) - \left(-1 + 0 \right) + \frac{\sqrt{2}}{2} \left(-\frac{\sqrt{2}}{2} + \frac{1}{3} \frac{\sqrt{2}}{2} \right) + 0 - \frac{\sqrt{2}}{2} \left(\frac{\sqrt{2}}{2} + \frac{1}{3} \frac{\sqrt{2}}{2} \right) = \frac{1}{8} \left(1 - \frac{\sqrt{2}}{2} \left(0 - \frac{1}{3} \right) + 0 + \frac{\sqrt{2}}{2} \left(0 + \frac{1}{3} \right) - \left(1 + 0 \right) + \frac{\sqrt{2}}{2} \left(0 - \frac{1}{3} \right) + 0$$

$$- \frac{\sqrt{2}}{2} \left(0 + \frac{1}{3} \right) = 0$$

$$k = 3 ; e_{3} = e^{-\frac{1}{3} \frac{\pi}{4}} i$$

$$C_{0} = \frac{1}{8} \left(1 - \frac{\sqrt{2}}{2} \left(-\frac{\sqrt{2}}{2} + \frac{\sqrt{2}}{2} \frac{1}{3} \right) + 0 + \frac{\sqrt{2}}{2} \left(\frac{\sqrt{2}}{2} - \frac{-\sqrt{2}}{2} \frac{1}{3} \right) - \left(-\frac{1}{4} + 0 \right) + \frac{\sqrt{2}}{2} \left(\frac{\sqrt{2}}{2} + \frac{\sqrt{2}}{2} \frac{1}{3} \right) + 0 + \frac{\sqrt{2}}{2} \left(-\frac{1}{4} + 0 \right) + \frac{\sqrt{2}}{2} \left(-\frac{1}{4} + \frac{1}{4} + \frac{$$

k=7; e7=e-j 3/21 C7= f(1-\frac{7}{2}(\frac{7}{2}+\frac{7}{2}j)+0+\frac{7}{2}(-\frac{7}{2}+\frac{7}{2}j)-(-1+0)+\frac{7}{2}(-\frac{7}{2}-\frac{7}{2}j) to - \frac{\sqrt{2}(\sqrt{2} - \sqrt{2})}{2} = 0 Co 20; (1=0; (2=0; (3=1; (2=0; (5=2; C6=0; C2=2)

