01(==+235+131) ×(5) = 7F(5) == 02 × / dc = +23 0× / dc +131 ×(6) = 7E(6) 6)(53+1052+115+18) ×(5) = (5-2) F(5) == 03 × / dc 3 × 10 02 × (dc 2 × 11 0× / dc + 18×(6) = de / dc + 2E(6) 2.2 $c_1(s_2+12s+32)Y(s)=32F(s)=6(s)=Y(s)/F(s)=32/s+(2s+32)$ $c_1(s_2+12s+32)Y(s)=32F(s)=6(s+3)+3(s+4)/(s+4)/(s+4)/(s+4)=32F(s+3)=32F(s+$ 2) 5s+500/s(s+10)(s+50) = 9/s + 3/(s+10) + C/(s+50) + 0(s+60s+500) + B(s+50) + C(s+10s)/s(s+10)(s+50) = 0

20, 5s+500/s(s+10)(s+50) = 9/s + 3/(s+10) + C/(s+50) + 0(s+50) + B(s+50) + C(s+10s)/s(s+10)(s+50) = 0

20, 5s+500/s(s+10)(s+50) = 9/s + 3/(s+10) + C/(s+50) + 0(s+50) + B(s+50) + C(s+10s)/s(s+10)(s+50) = 0

20, 5s+500/s(s+10)(s+50) = 9/s + 3/(s+10) + C/(s+50) + 0(s+50) + B(s+50) + C(s+10s)/s(s+10)(s+50) = 0

20, 5s+500/s(s+10)(s+50) = 9/s + 3/(s+10) + C/(s+50) + 0(s+50) + B(s+50) + C(s+50)/s(s+10)(s+50) = 0

20, 5s+500/s(s+10)(s+50) = 9/s + 3/(s+10) + C/(s+50) + 0(s+50) + B(s+50) + C(s+50)/s(s+50) = 0

20, 5s+500/s(s+10)(s+50) = 9/s + 0(s+50)/s(s+50) + C(s+50)/s(s+50) = 0

20, 5s+500/s(s+10)(s+50) = 9/s + 0(s+50)/s(s+50) + 0(s+50)/s(s+50) = 0

20, 5s+500/s(s+50) = 0 + 0(s+50)/s(s+50) + 0(s+50)/s(s+50) = 0

20, 5s+500/s(s+50) = 0 + 0(s+50)/s(s+50) + 0(s+50)/s(s+50) = 0

20, 5s+500/s(s+50) = 0 + 0(s+50)/s(s+50) + 0(s+50)/s(s+50) = 0

20, 5s+500/s(s+50) = 0 + 0(s+50)/s(s+ 2. $\frac{1}{3}$ \frac 2.5 RC = "15C/2+115C = 1/2C5 +1 CR = R/1/5C+R = 941+2C5 A Jerel. RL 254/8+51 3 (P) Ve LRSBISL+R 2000 CL 2 3-1 1/5C+SL = 52 LC/52 LC+1 = 52/52+1/LC LC 3 1/5C/5L+1/5C = 1/52 LC+1 = 1/LC/52+1/LC Vo(5) | VI(S) = R| ISC + SL + R = RCS | 1 + 32 LC + RCS = R/LS | S2 + R/LS + I/LC

Co. R = S D. L = 1 H. C = 0'25 F & Ve(5) | VI(S) = 55 | 52 + 55 + 14 A + 33 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 | A + 3 = 5 2.6 20000 (V.(E) R & V. (E) 10(5) 14:(5) = 5-1 15c+R+ 3L = 32LC/1+RCs+52LC = 52/52+2/LS+1/LC W Con R=2 st, L=1H, C=0'2H & Vo(s)/ Vo(s) = 52/ 52+25+5

5/(5+1)2+22=51/ (5+1)2+22-1/22/ (5+1)2+22=e-6[co(2t)-1/2 sc, (2t)] LB Voill (1) Y.(t) Vo(s)/V(s) = R+1/5C/sL+R+1/3C = RCs+1/52/C+RCs+1=R/LS+1/LC/s2+R/LS+1/LC

Con R=20.0.1 L=10H y C=0'1=8 ** (15)/V(s) = 25+1/52+25+1

Vo(t) 25+1/(5+1)2 = 25/(5+0)2+1/(5+1)2 = 2(5/(5+1)2)-1/(5+1)2 = 2e-4-6e-6 2.8 0000 4 DVITET RS 2.9 (1) a) (1) - B 3x(1) / de = H 32x(1) / de2 = F(s) - Bsx(s) = Hs2x(s) = => F(s) = X(s) [Ms2+Bs] => X(s) / F(s) = 1/Ms2+Bs = 1/s (Ms+B)
b) 1/M/s2+B/Ms = A/s+B/Ms+B/Ms = 1/8/s+B/M=1/8(1-e-A/M-b)
c) x(t) = 50 1/B dt - 50 1/Be B/Mt dt = 1/B [t+M/Be B/Mt - H/B] B XIE 2.10 e(t) x,(t) -G(s) = x2 (s)/1=(s) = (EV35 + K2)/ A , donce A & EV3 X2(t) -M,52+(EV,+EV3)5+(K,+K2) - (EV35+K2) M252 + (EV2+EV3) 5 + (K2+ K3) -60000 M. MIZ 70000 -(EV35+K2) 0000 Kz K₃ EVI ENZ

