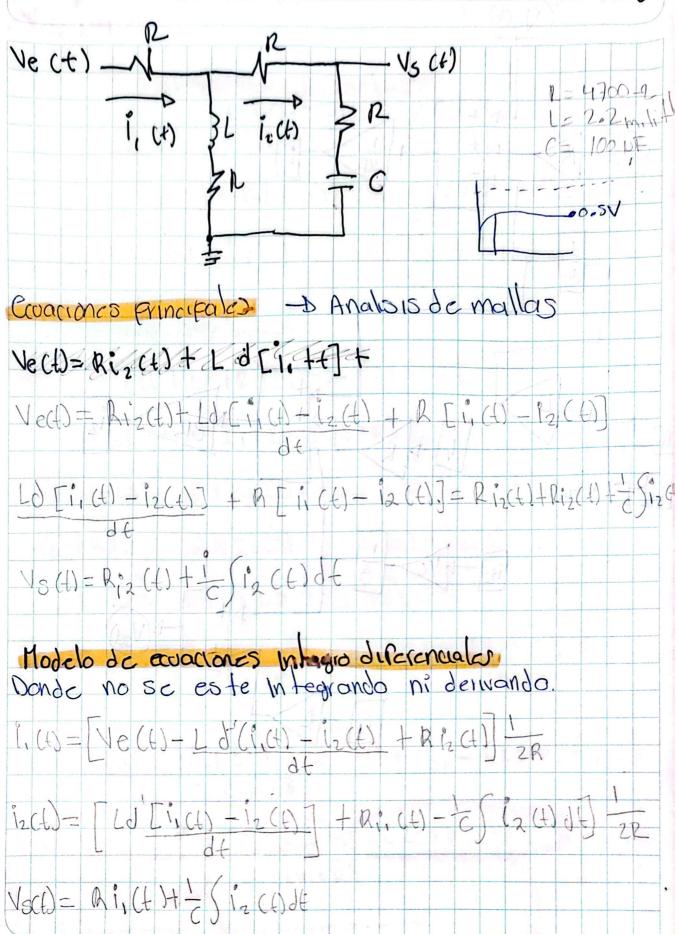
U2 Modelado

23-09-25



(Ter) Transformada de LSI(S) - LSI2(S) + QI(S) - QI2(S) Vecs) = RI, (s) + LS (I, (s) - Iz(s) + R[I, (s) - Iz(s)] LS[I(s)-I2(s)]+ P[I,(s)-I2(s)]=P[2(s)+Pt2(s)+Is(s)  $VS(s) = RI_2(s) + I_2(s) = I(RS+V + I_2(s))$ Procedimiento algebraico Vecs) = (R+Ls+R)I, (s)-(Ls+R)Iz(s) =  $(LS+2R)T_1(S)-(LS+R)T_2(S)$ [5](s)-LS]2(s) + R]((s)-P]2(s)=2R]2(s)+[2(s) LSI, +QI,(S) = 3RI2(S) + LSI2(S) + I2(S) (LS+R) I(S) = (3R+L3+ (S) I2(S)  $I_{1}(s) = 3(25 + (2s^{2} + 1))$  CS(25+2) = (25+3)(25+1) CS(25+2) = (25+2)(25+2)Ve (s)=(Ls+2R)(CLS2+3CRS+1) t, (s) - (Ls+R) I2(s) CS (LS + R) (1st2e) (CL3 + 3CR +1) - (SC LS+R) CLS+R) Iz(s) CS(LS+R) 3 + 3 CLR52 + LS + 2 CKR52 + 6 CR 5 + 2 R -C1383 - 2CLRS- CR2 SA

