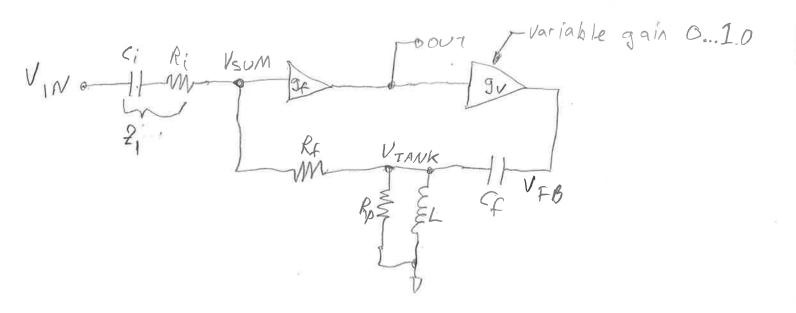
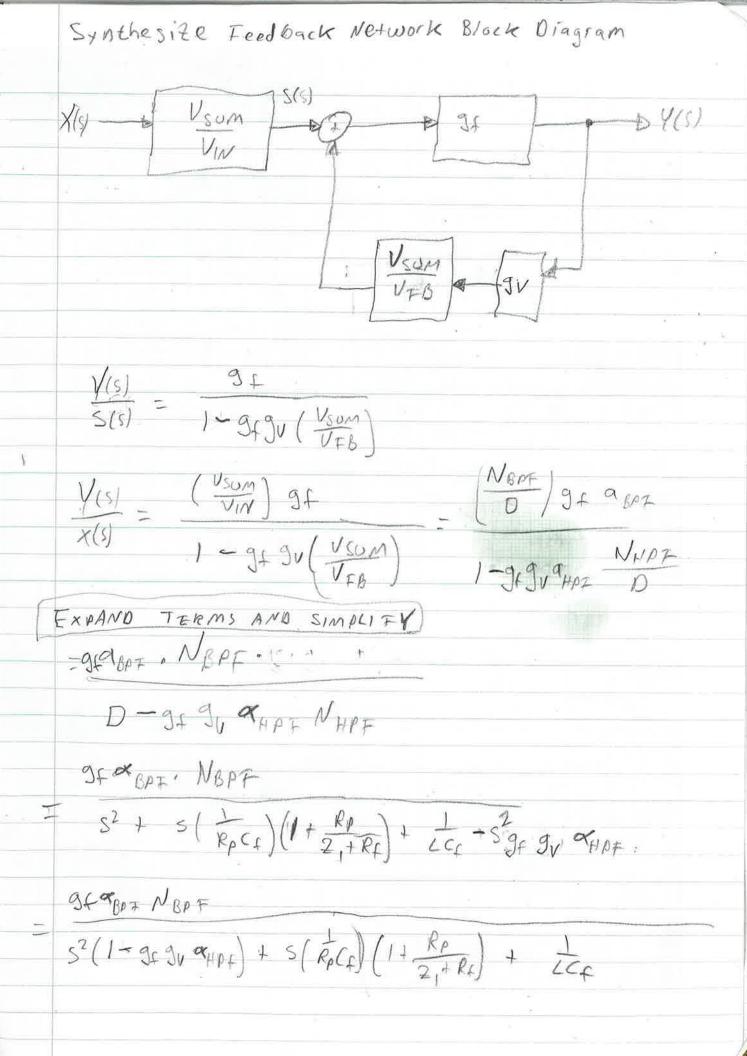


Synthesize to Linear amplifier model



マグラクション ラマ



52+5(RpC+ RfCx)+ LC4 OK BPI GF Y(S) X(S) 52 + 5 (RpCf(1-9f9v9hot)) (1+ Rp) + LCf(1+9699m) 1-9+ JUST HAT 1-9+9V THAF PBPE and PHPF 1 collect terms (Expand (See green Sheet) St Kt (1-3+3v) - Variable gain term approaches 1.0 This pale + Rill Changes a subtle amount when -00 < g + g × 0 RECALL: 9, < 0, first stage inverting It approaches amplifier iRici as stan >- 0 SIMPLIFICATIONS 1) Assume Z:= B: in biguad term 2) Assume IPHP fixed pole @ gfgv>>1 (heel pos) 5/9+ Rf -3+3 -52+ 5(Rf + RfG) + LG 5 + Rici] 52+5 [RpCfG(gv)] [1+ Rp+ + Lq G(gy) G(gu) = 1 = gf gu (Ri+Rf)

Expand 1-POLE HPF TERM LHPE = RI+ZI dept = Rett, dopt St St of SHP+ RC+2, - 9+9v ZHPI - 9 F9V 91 Rt of Rt R++2, - 9+ 9,2, Kt + 5 (1-3+3m) of Rt S gf Rf Ci = Rf + (Ri+ 5ci) (1-9,9v) sGRf + SGIRIG + G 34 RtCC Sgt Rt Ci S Ci(Rf+RiG) SC, (Rf+RiG) + G G(Rf+Ris) (3) 21Ke A) Guitar output 2 Rt+ KE(1-9+3M) impedance could be considered by including this with 2, before + - (R+ (1-9+9v) + Ri) expanding (B) Response when source is Low impedance.

CTOPS