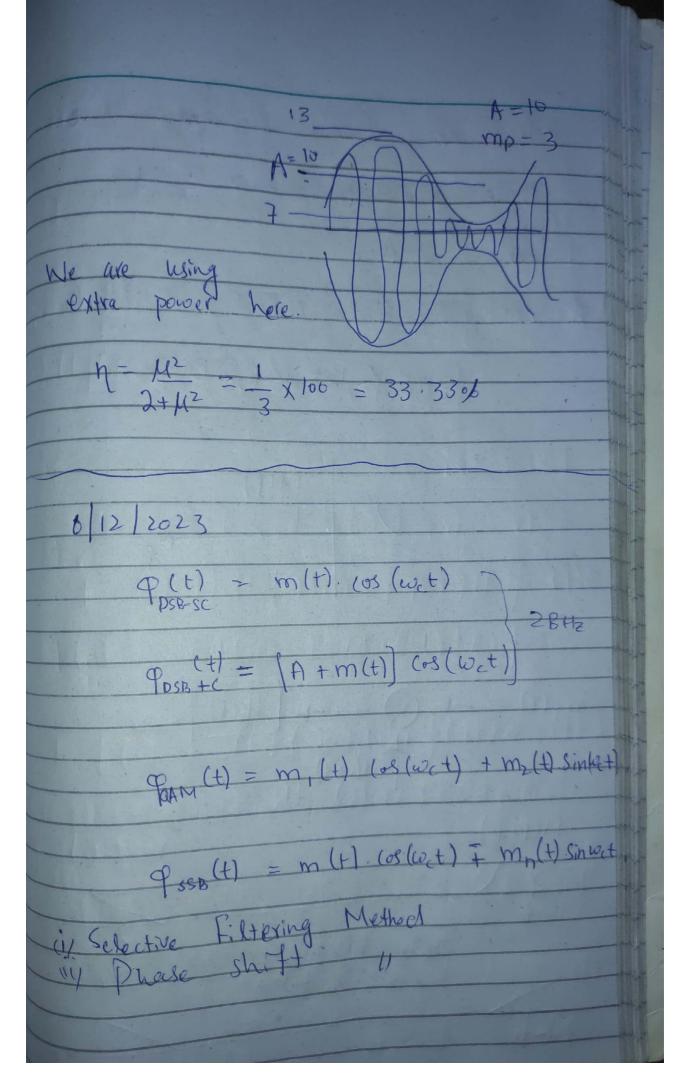
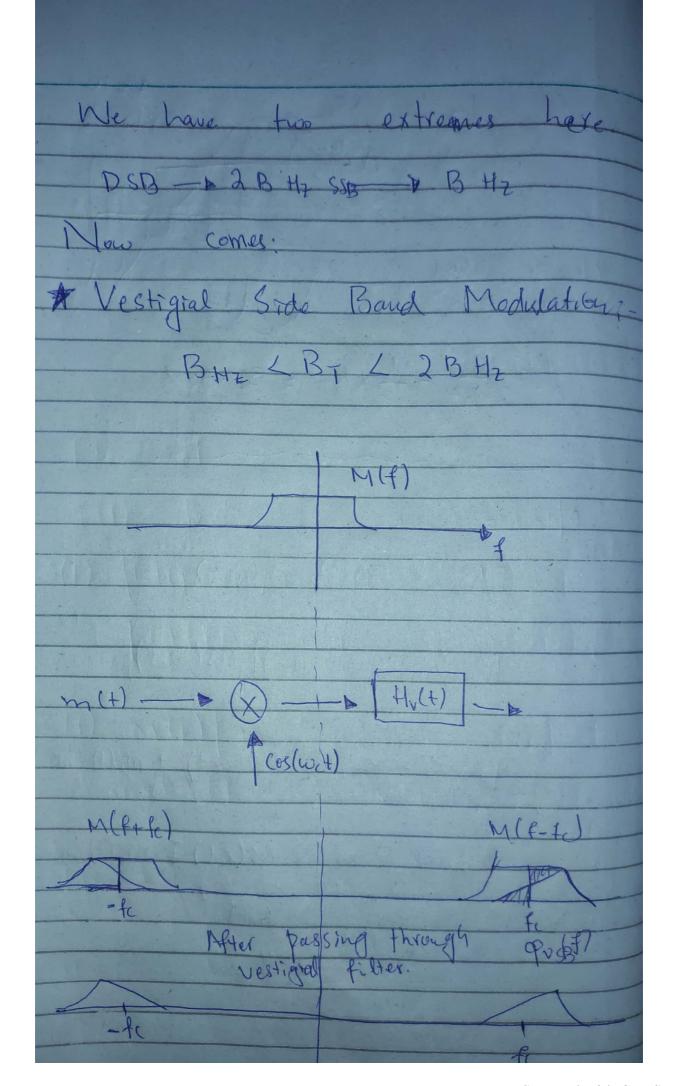


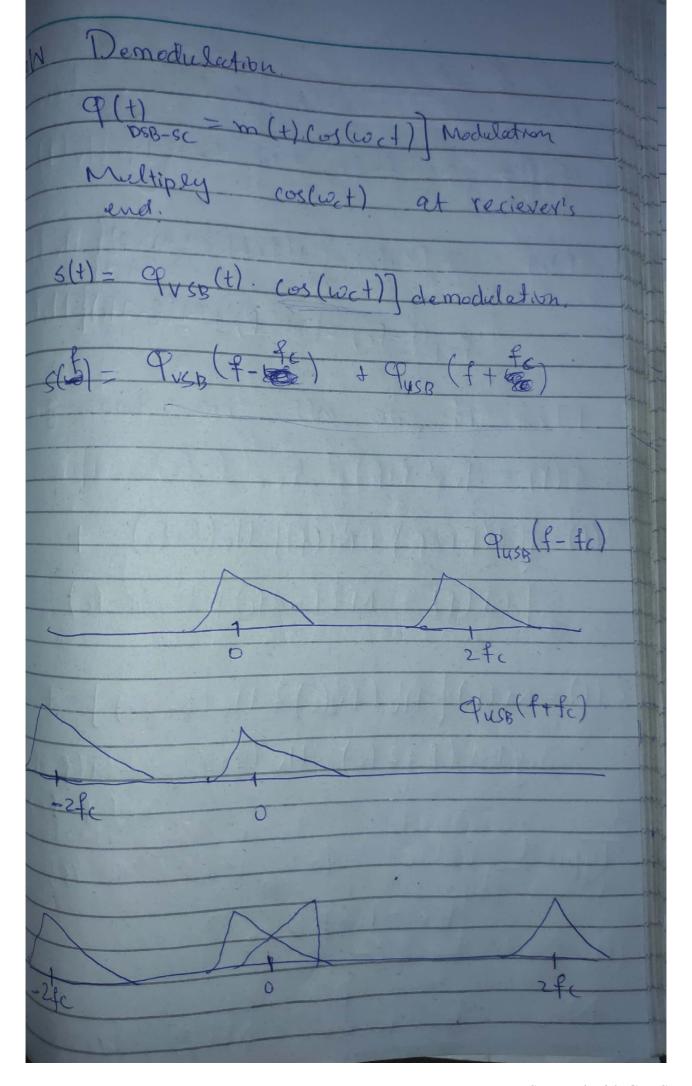
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with assoct will send carrier mn(+). Sin wet [A+m(+)]2+ mn2(+)

Similar to an Cos nort + by Sinkort Now E(+) = {A2+m2(+) + 2. A.m(+) + mn2(+) 1+2m(+) + m2++) m(t) << A E(+) & A [ 1 + 2m(+)] 1/2 using binomial theorem E(t) & A (1+1 x 2m(t)) E(+) ~ A + m(+) Put in above SSB (+) = (Armit) cos (we+ +0)

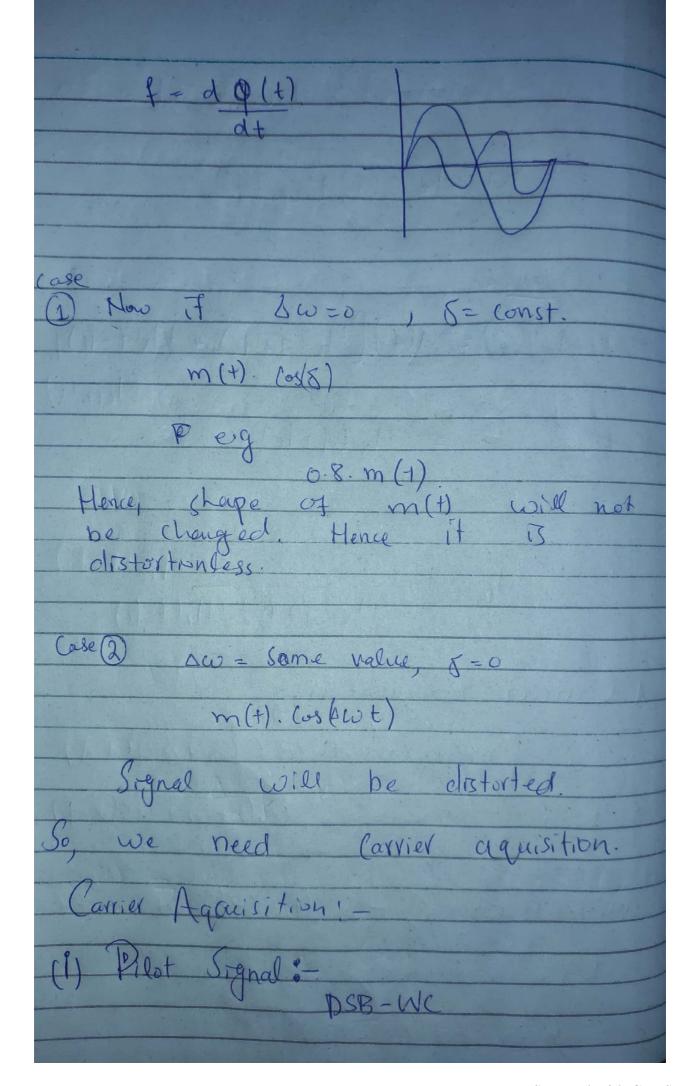


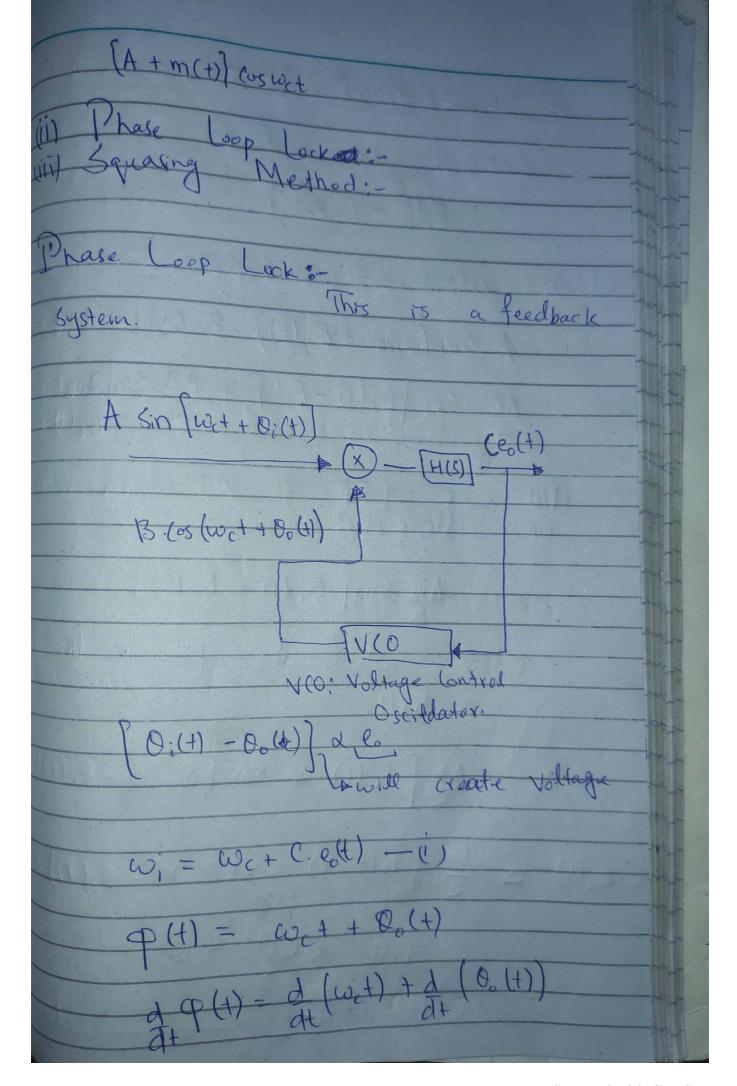




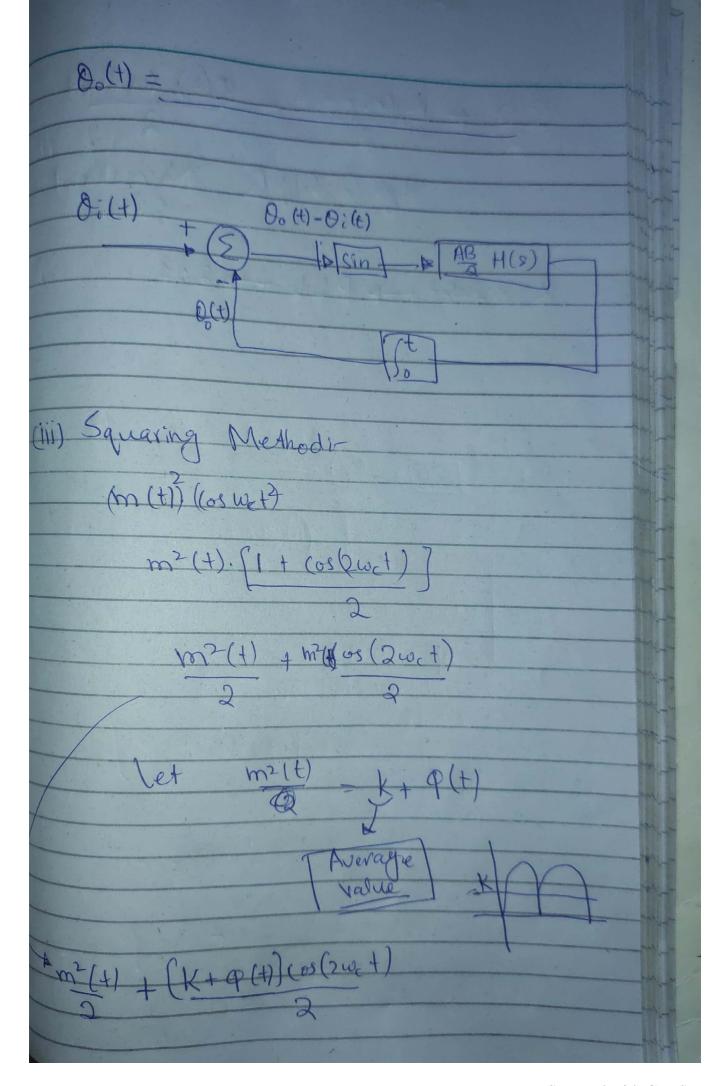
sender's oud 9 (+++c) = M(++2fc) + M we add these Puss (f+fc) + Puss (f 2fc) + M(f) Hy f) + M (f-2fc) fife) + HV (f-fc) ) HV (f+fc recoves

through M(x)= S(+).+1LPF( v(1+fc) + +1/1-fc) arrier Acquisition: m (+). (05 Wct. cos ( (wc+ sw) ++ 5 (09 x. (05 p = (08(x+p) + (08(x-p) ) + m (+). (05 (2 coc+ + sw++) m(t). (os ( Awt + & through 1 PF m (+): (05 (DW+8





w; = w, + 8. (+) - (ii) Compase (1) and (ii) Q (+) = (.e (+) suspert of multiplier B: Sin (wet + 0; (t)) . B. (os | we++ 0, (+) AB . Sin [0; (1) - 0, (4)] + AB Sin | 2 wet + PF so 2nd ferm will AB sin (0; (+) - 80(+) Now when it passes through h(t). AB (h(t-x). sin(o:(x)-o(x)) dx (lo(t) = 0 (t)



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