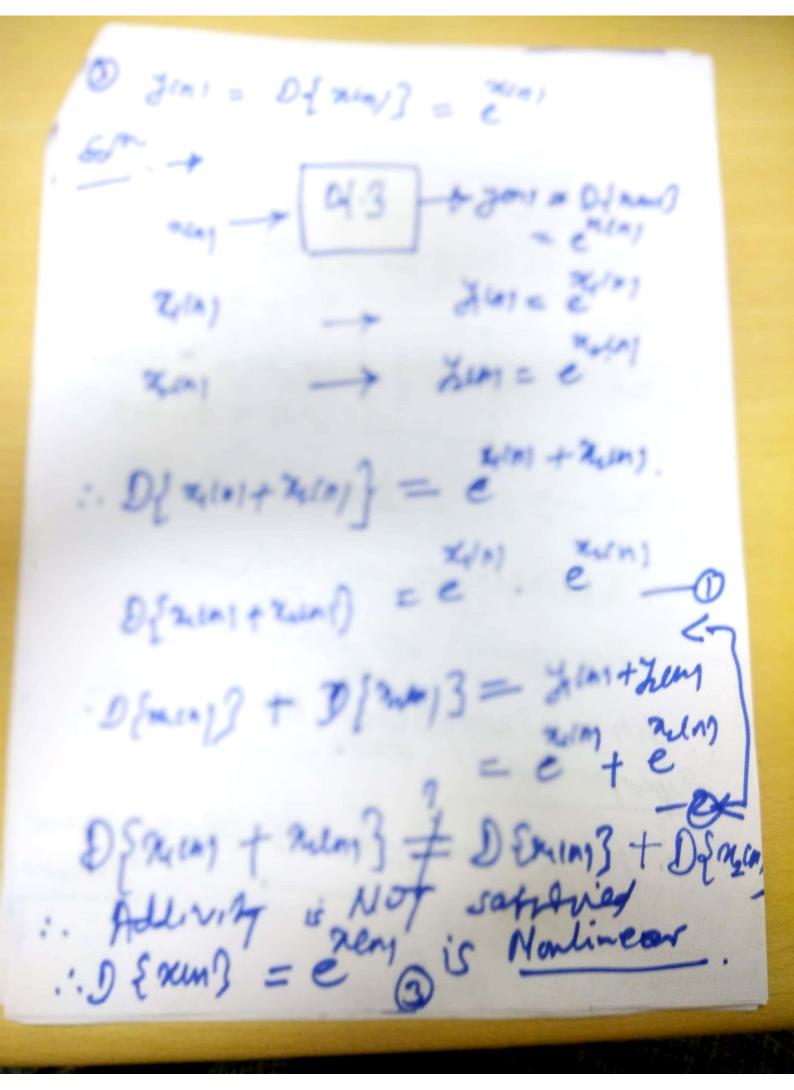
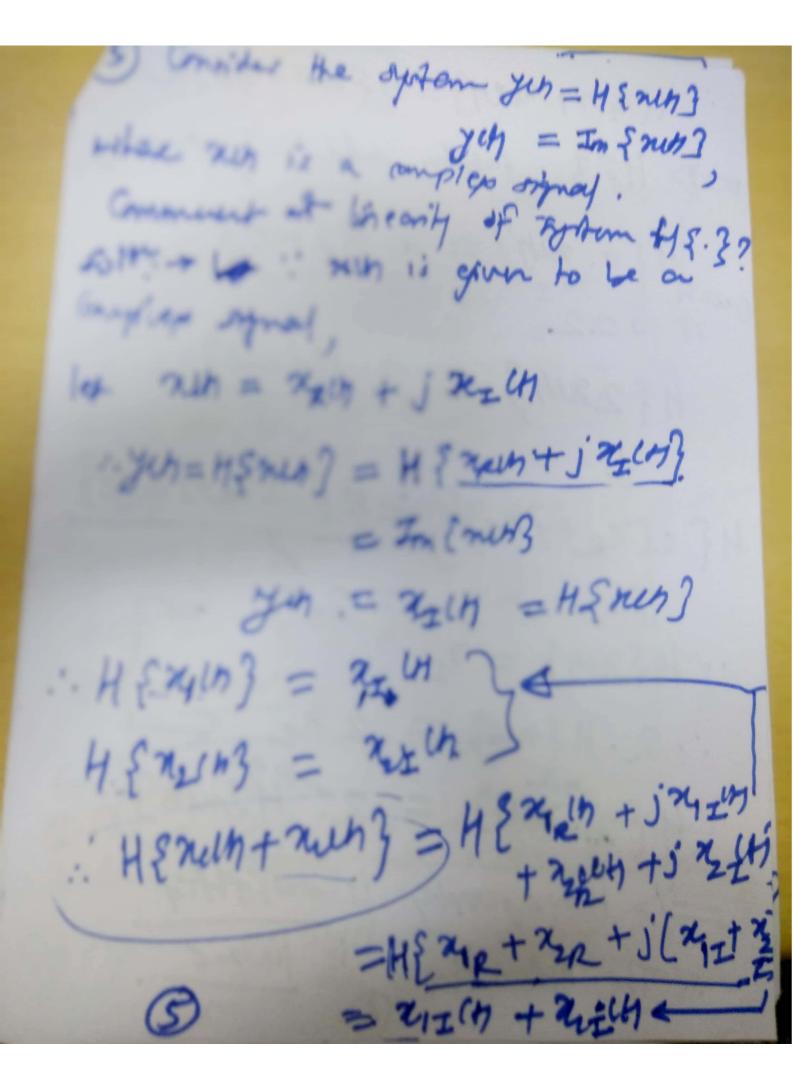
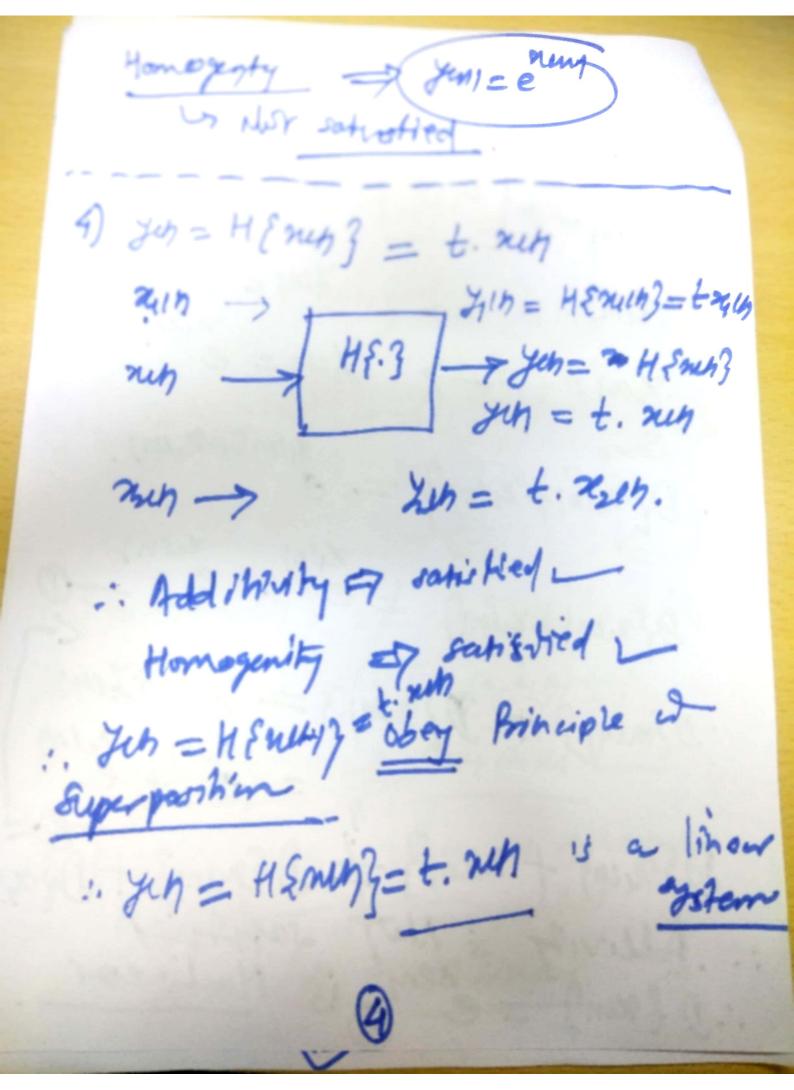
Lechne 12 1.1 interes the concerse of proposition 1.1 U bue? and of a home gives seen of pter ? the uncher he form is from 3 [anserse of Proposition 1 2) JON- WITH 9 min = 0 AF, yen = (0)2=0 He However, the room Jun = 2fct). is NOT liver or Montineer Jen=2nen+5 57 Nortices NA 20, 1/1 = 5 \$0 Just = 2 met agrim M100) 7 Jun=0 Conclusion: - ansense at Propostion 4.1 and Propostion 4.1 ord alovago price 1

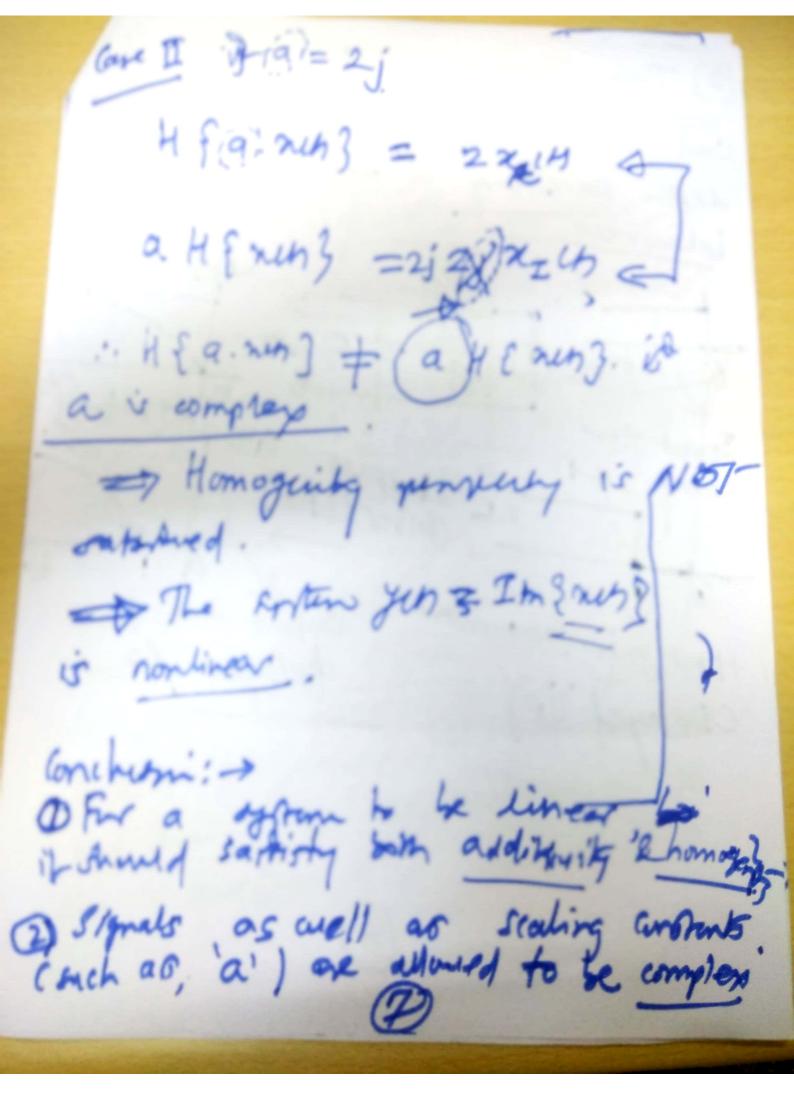
2) check where you = x2ch. is livear 211-7 310 = HSmr3 = 24 41 201 = H { 26/13 = 35ch. .. H{2415+245} = [2415+2415] H{mun3 + 22mm 3 = 22m + 22m + 22m = 22m + 22m = 22m = 22m + 22m = HSmustaus = HSMAJJ+HErrors Additivity is NOT satisfied Homogenty: By san sied L Conclum : yeh = 20kg. is doer ner is superposter = 20kg. is alonlinear. 2

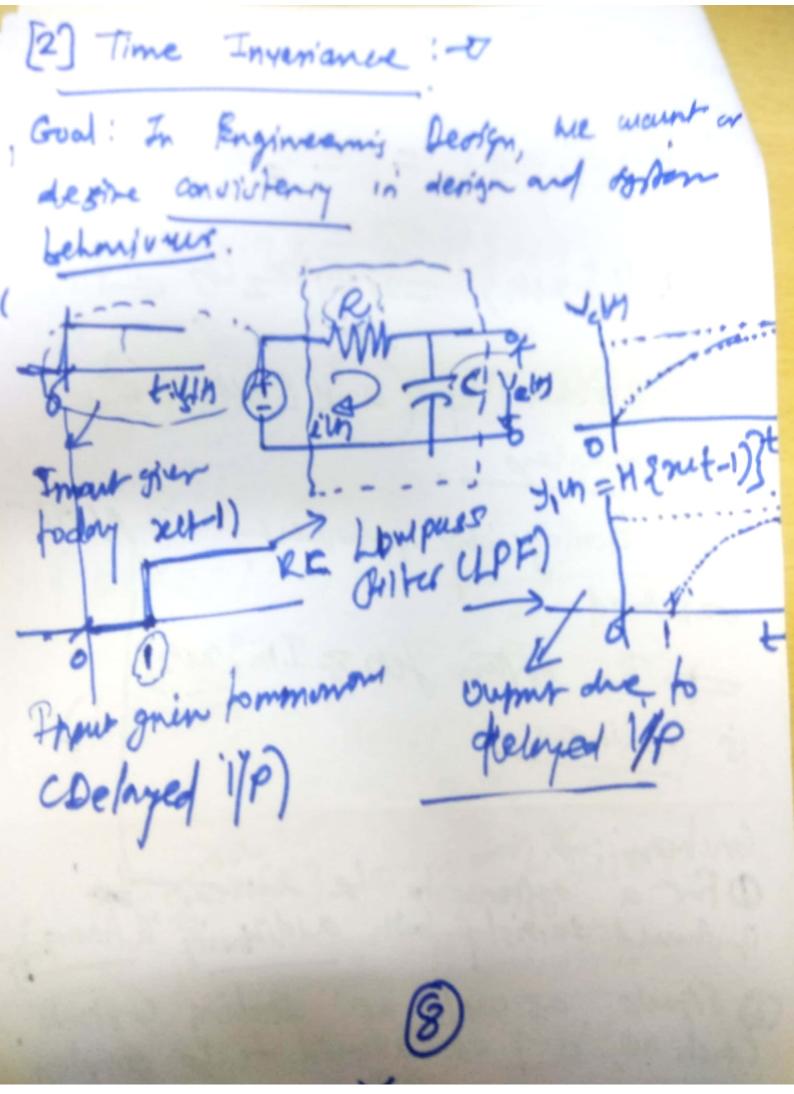






: - H{2410+ 2007] = H{2003} + H2003 = > HE3 satisfy additivity mother man H { a. xun] = a H { nut } 3. 4 { 2 xus 3 = 2 H5 ms3. H{2(xe+jnz)3=H122x+j27z} = 2 2/4 : 4 { nun } = 2 = .. 2. H 5 mus = 2 2 c 4 52? run 3 = 2. 45min 3 -> Homogenity is satisfied : The from HS.3 is linear





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(.1) Inthat is time-invanione? Co output at the Rober gives consistant applied mespectain of acher 15 is 22) Why time-inventouse" is desmitte. In Engineering Darign If we invest estato, well, the to design an electric ext, say RC UPF, Ken it it grices vuppur segue that vanying w. 11. time it apolicate at light some voltage or (input soutahui source, then son predict to system's rehension in But and thus, its general takin to alp in quellion ?

ander for Time Inversiones: are In HE.3 -> Jun = H5 min3 Up obrained today Input given -> J.17 = H{nut-10)} L, 24-40) Of p due to delayed Up ig. seven to be : The often fine + 1 Human Jun= Jun => Hsnuh) = Hs nut-to)}. else "Rip grain today go due ho ...

else Rip grain today god delayed irport. of Henry + 4 Ener-to) Not fine-marrant or it & fine-various

