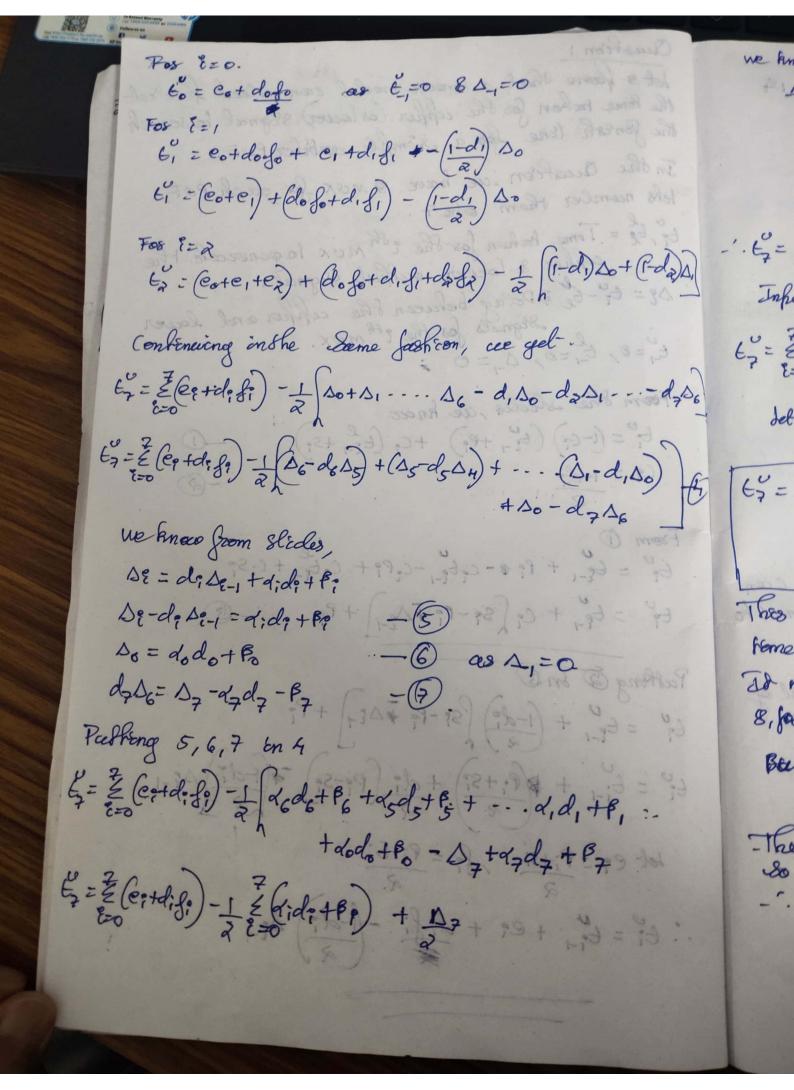
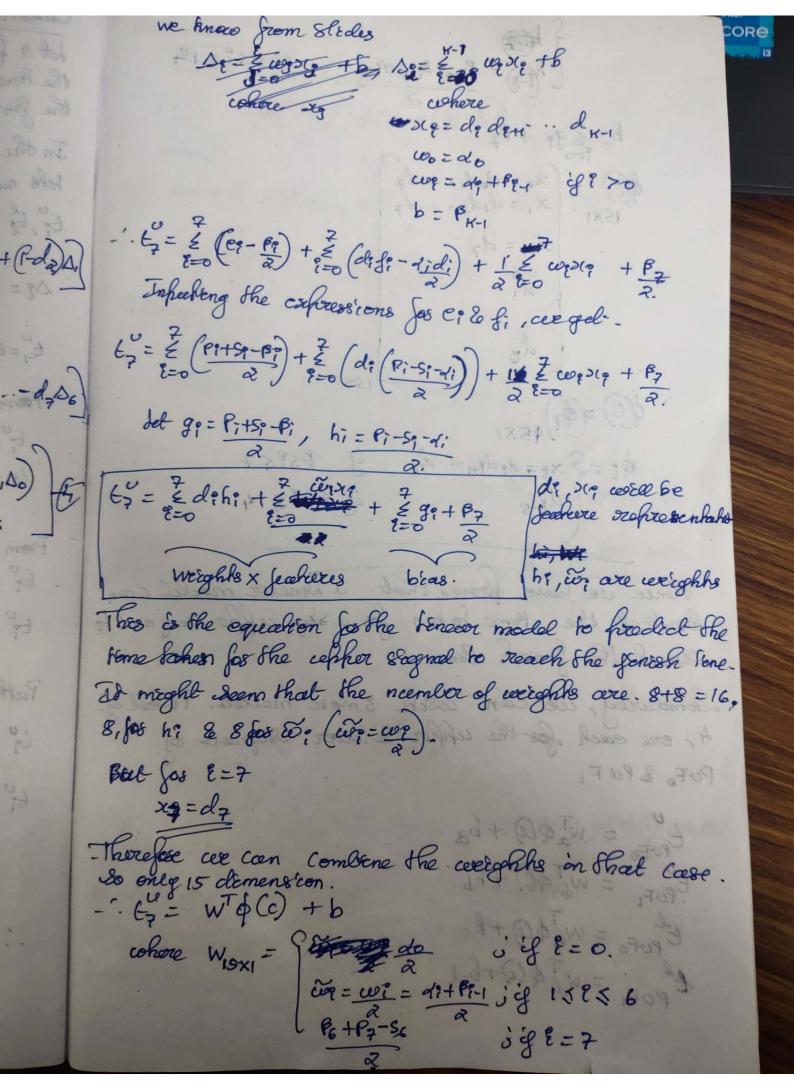
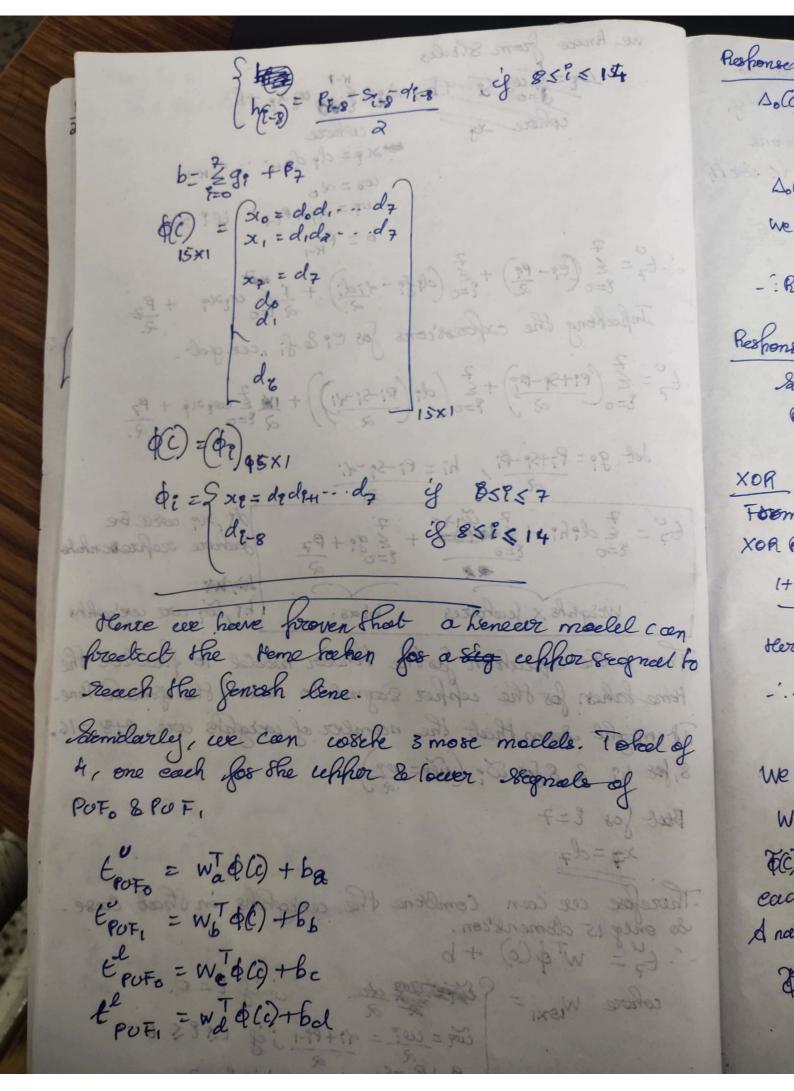
Question 1 set & freore short a tenear model ean indeed friedect the time taken for the cepher Costocuer & Egnal to seach the Senish time for a simple arbiter Pot. In the Question we have 8 MOX for each POF tels number them she 7. to the = Tome baken for the ith MOX to generale the wher & lower outher & rand. Di= ti-te = Delag between the cepher and lower Signals for the ith mox. t_=0, t_=0, 0=0 From the sticles, cer know ti= (1-Ci) (ti-1+Pi) + Ci (ti-1+Si) C9 = 1+do to = to + Po # - Coto - Copo + Coto - + Coso

to = to - + Co So - Po # Do - + Po - B Putting @ in 10 60 = Ez-1 + (1-de) PSI-Pe +DEY +Pe €: = €:-, + (P:+5:) + d: (P:-5:) -+ (+d:) A:-1 ret ee = P;+si , Si = P;+Si : Ei = Ei + er + difi - (1-di) Ai-1

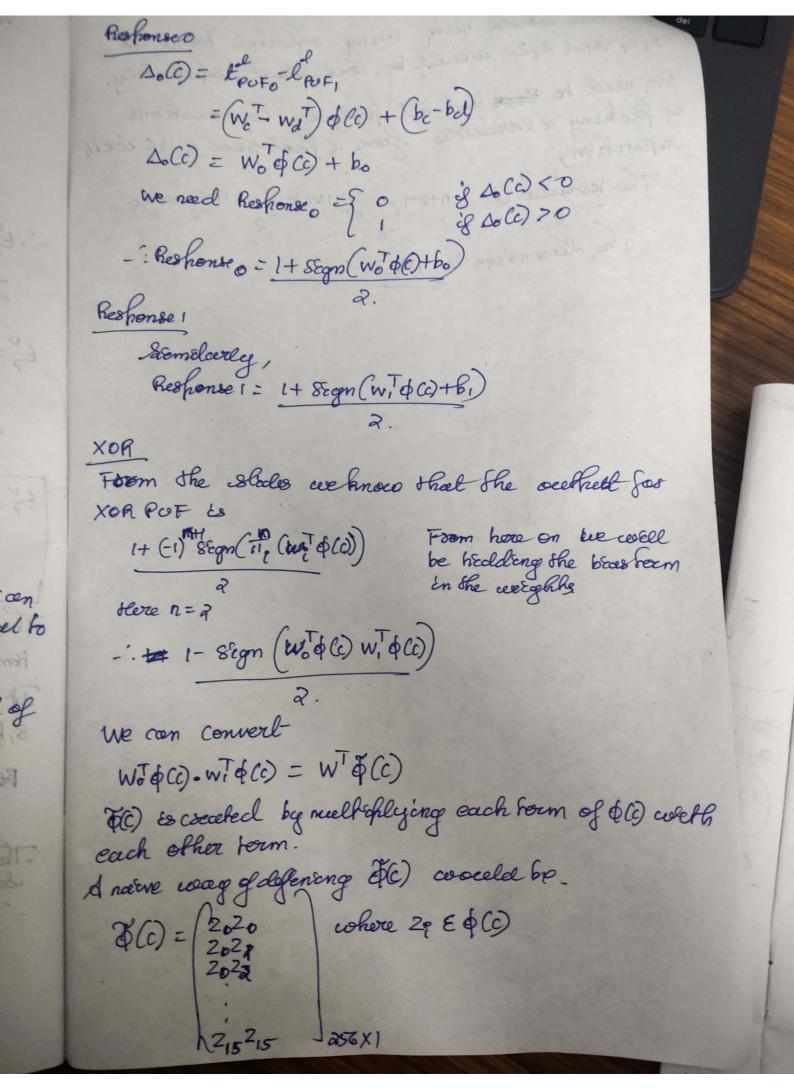






W

3



图

But this would have many depeated torms as 2,2,2 and 2,2, would be browdered sherockely. We need to the find all hossible combenations of frehing a variables from a fact hool of 16 costs, referebrion, The formula is n+8-1 (=) 16+2-1 (= 17 (= 186 . The domens con is 136 Form the states we know that the occitient for From here on the coless (4 (1) BE good of (Wort & (CO)) - . see 1- 82gm (W. 40) w. 40) Migo.wif(c) = Wif(c) the coursely by multiplicity current of 600 were