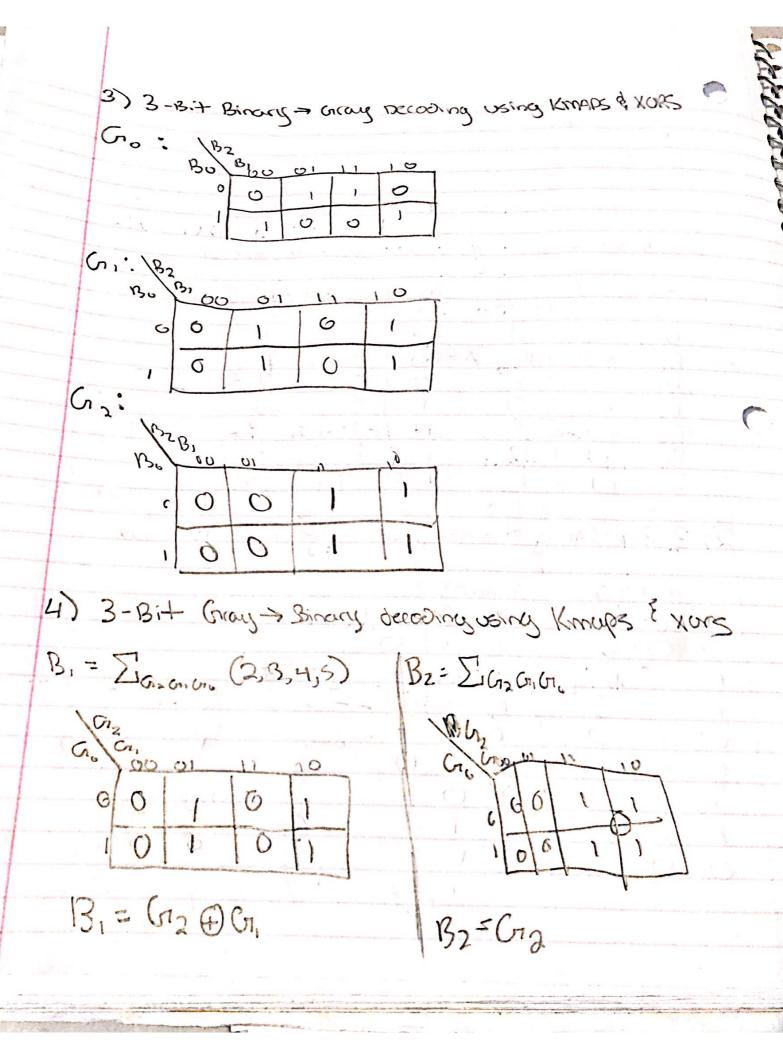
60 Keeyon Hughshenos October 26th 2017 DLD HW 5 1) 3 Bit Binary > Gray Decoding using mux 151 14W 5 C 00 2) 3 13it Cray > Binary Decoding using 151 mux Binary Gray Ba Bi Bo (12 Cm. C10 0



4: Continued: Bo = [Gar. G. (1247) Bo= Cra & G, & Cro 5) A.B=O { A+13=1 A= B A-B=0 means either A or B = O or both even O A+B=1 mouns, input has to be one therefore A=B' by the (A.A=O and A+A=O ruk) b) X. 4=0 & X+Y=1 implies that X=Y' by the same logic above: X | Y | Z = XY + XY 0 0 1 0 X - DO 1 0 0 1 1 1

