

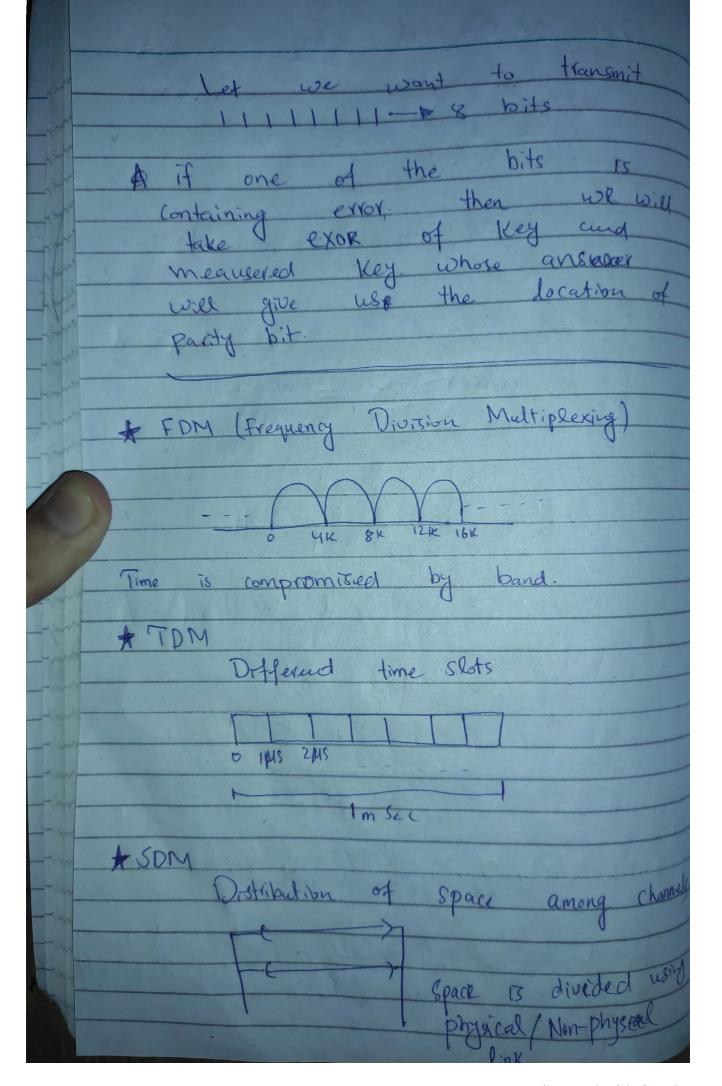
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Date 04 Oct, 2023 P. B 1 1000 Even parity has limitation. Hence, Hamming lode came Hamming Code: m bits to be transmitted I bits must be added. m bits + K bits 2 × > m+ k+1 So we should add 4 extra bits 100 1011 1010 1001 1000 0111 0110 0101 0100 0011 0010 0001

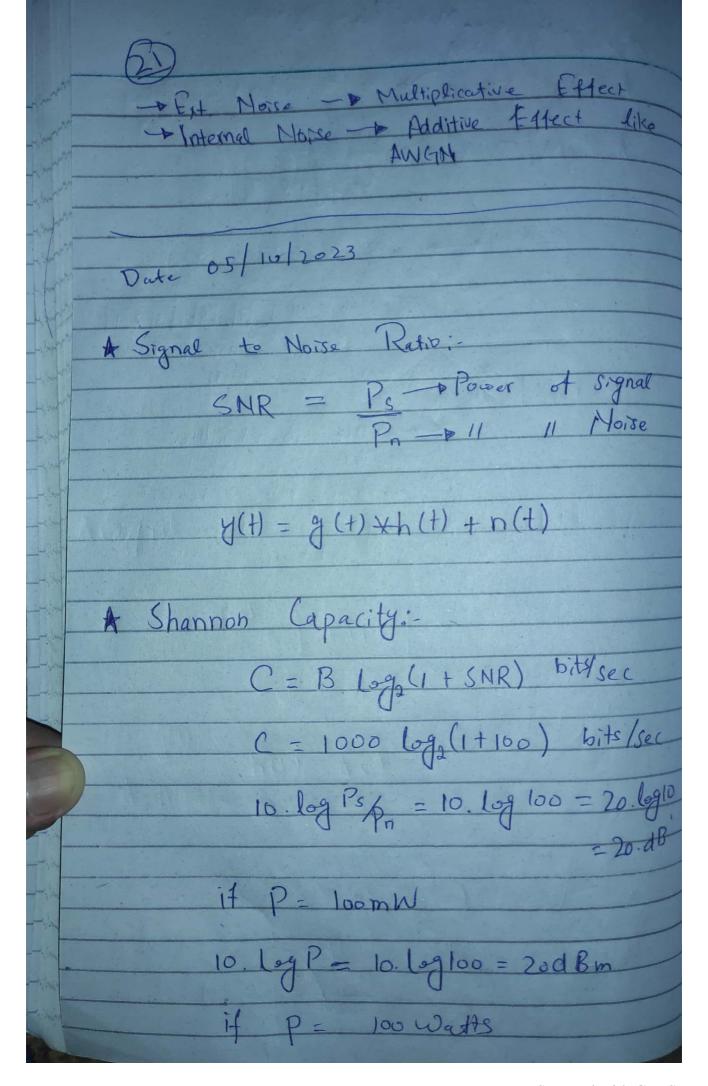
1 10 9 8 7 6 5 4 3 2 0001

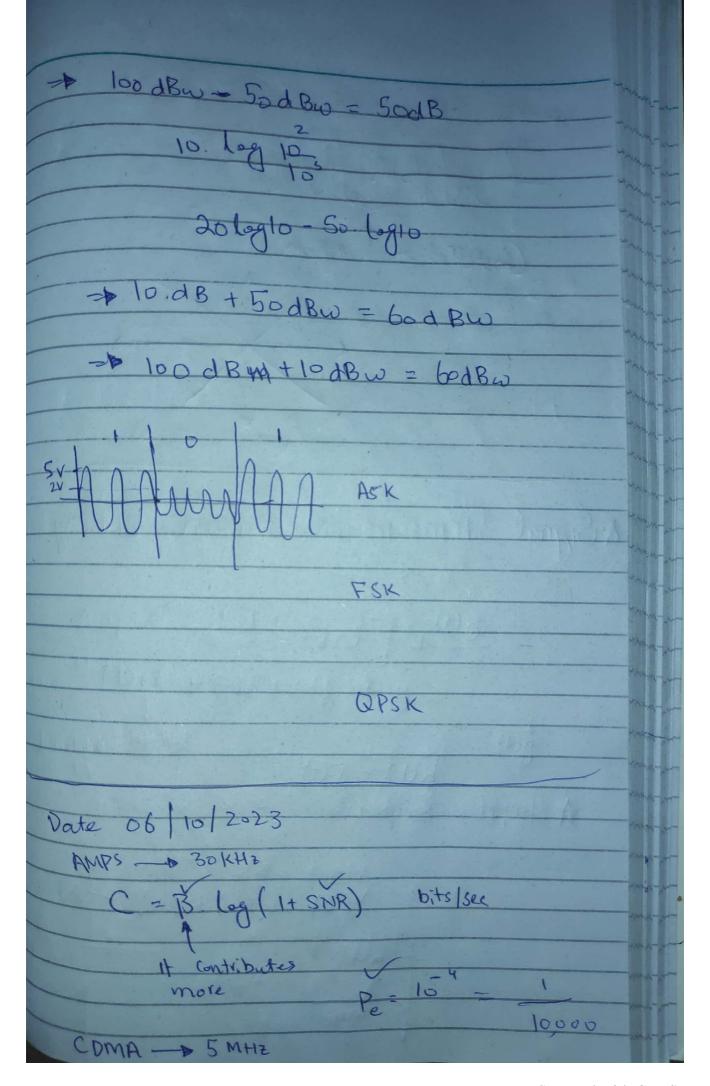
1 10 9 8 7 6 5 4 3 2 0001

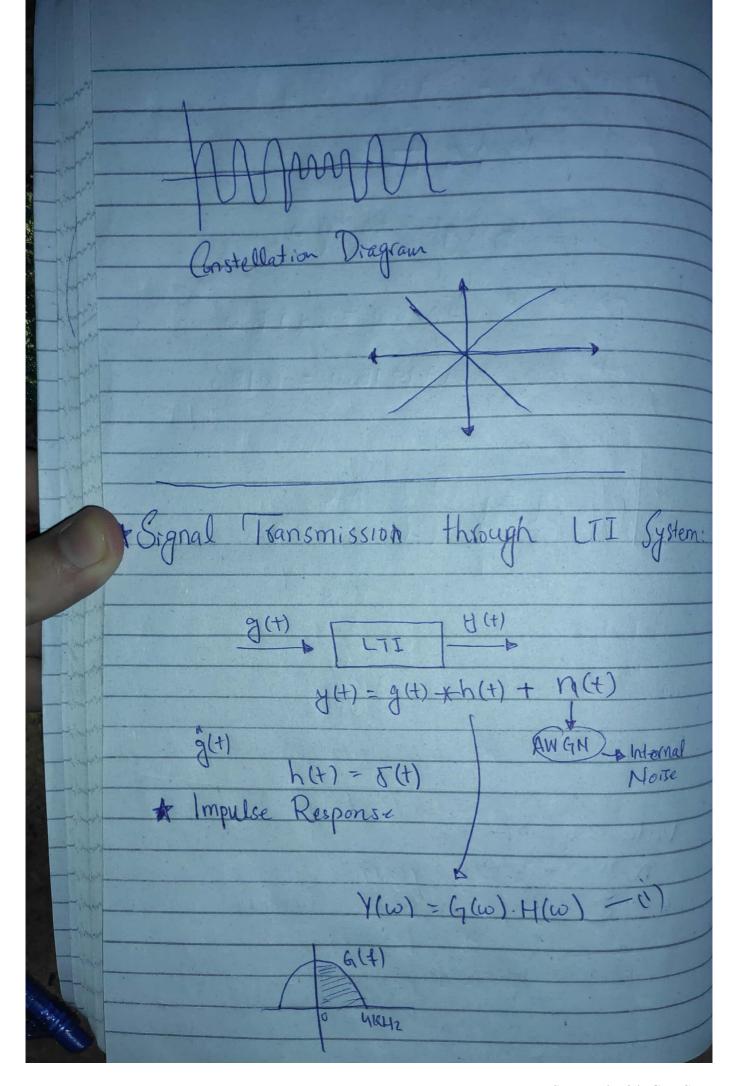
1 10 9 8 7 6 5 4 3 2 0001 (Exor of least 1= Do DD, D D, D Dy DD6 Bignificant bit G=D, DD D, DD, DD, DD, PI = P. D D2 D P3 D D7



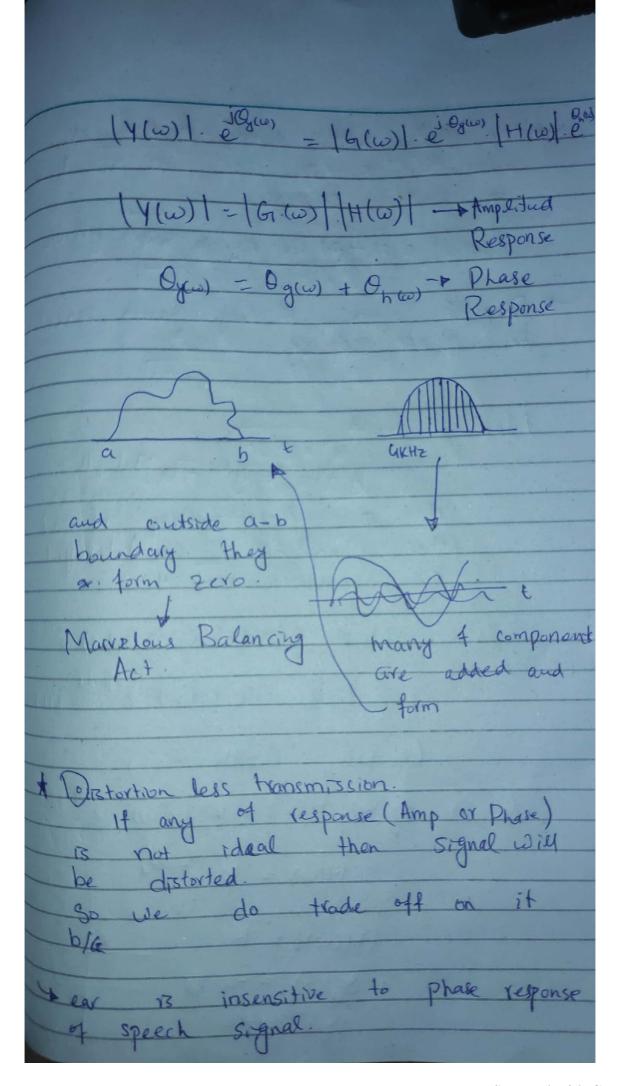
Habanced * FDM/ FDMA > 19 Technology -+ Analogue Tecta 4 Digital Tech. rect > Sinc [8H 6 5 14B 2 11] place division multiple access. - SMHZ Bandwidth. Costly to desta rate increased to avoid confusion. code selection criteria m, (+), (, (+) multiply (,(+) to get m,(+)







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opposite. i-e ege is more sensitive
to phase response. 0.01-0.1 sec Average Speech Syllable to phase response. Now Lut MH) = K. g(+-ta) it is distortionless if all the components are delayed by same amount. Now glt-tal (>) G(w).e Y(w) = K. G(w), e justs - til Compare with (1) G(w) . H(w) = K. G(w). e) wto H(w) = K. e-justa y = metc

