Wednesday, 23 March 2022

m: apxira bits

r: bits πλεογασμού (error control)

n=m+r: # bits codeword

Error rate: 10<sup>-6</sup> ~ lerror /10<sup>6</sup> bits

Net frame size: 10<sup>3</sup> bits = (000 bits = m)

Message: 10<sup>6</sup> bits

<u>Alóphuon:</u> 1 error ouvoliká = r=10

<u>Etip Bapuvon:</u> 10: 1000 opades = (0<sup>4</sup> bits

<u>Avigyeuon:</u> r=1

Επιβάρυνση: 1.600 ομάδες + 1001 = 2001 bits

m= 1101011011

 $(PC \Rightarrow \mu_z \theta \circ \delta \circ s \quad avi xveu on s opah \mu a eu v (a) y opi blues)$  G(x) = x + x + 1Jenerator
polynomial

11001 0000 10011 110000000 10011 -10011 10011 -00001 00000 -00010 00000 V -00101 00000 -01011 00000 -10110 (001) -01010 00000 -10100 1001 -01110 00000