

3) CONVOLUTIONAL CODES

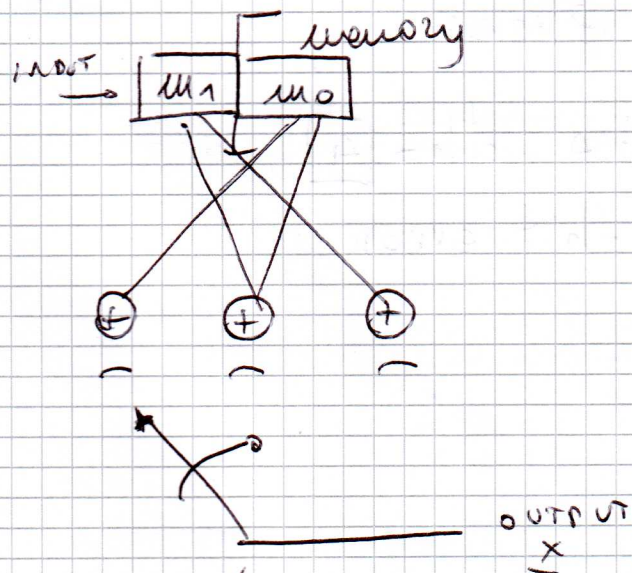
- $R = 1/3$

generators (1, 3, 2)
 $\swarrow \quad \swarrow \quad \swarrow$
 0101 011 010

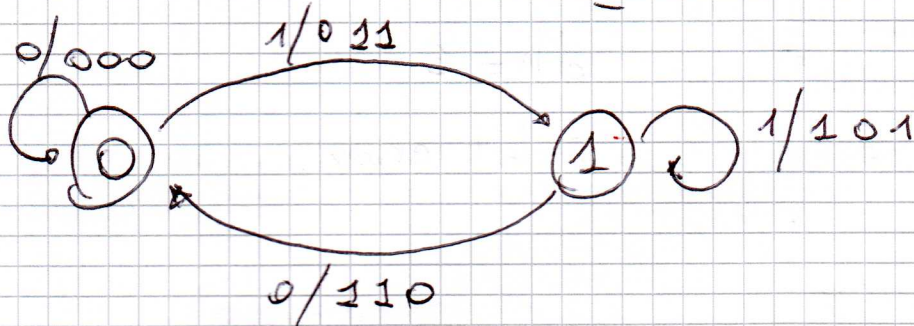
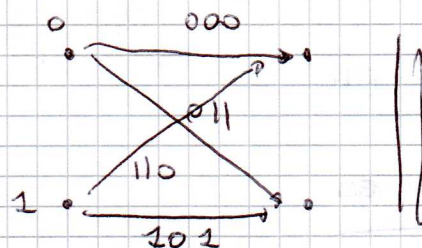
EX.3

4/7/18

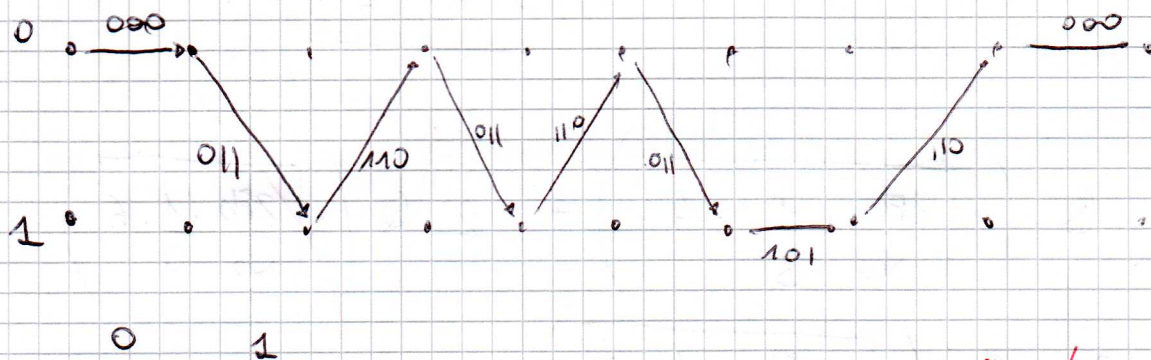
3.1



states = $2^{2-1} = 2 = \boxed{2}$



Codeword information sequence: 010101100



Codeword: 000 011 110 011 110 011 101 110 000

TREE ???