HW #8-1

1. In the previous MATLAB program, we encode each Chinese character with an RM encoding.

2. Since the generator matrix in RM encoding is not systematic, therefore some row operations are taken to make it systemic. Please write a program in MATLAB to do so. And what is the connection between both.

3. Please modify the previous MATLAB program such that this systematic generator matrix is employed . Display the info. bits deteriorated from AWGN in a file.

4. What kind of the shortened RM code is used ?