Hard Decision Decoding Results

1. Rate ¼ LDPC code with n=12, k= 3, u = 9

Algorithm Convergence (fraction of decoded bits which are erasres)

Probability of successful decoding
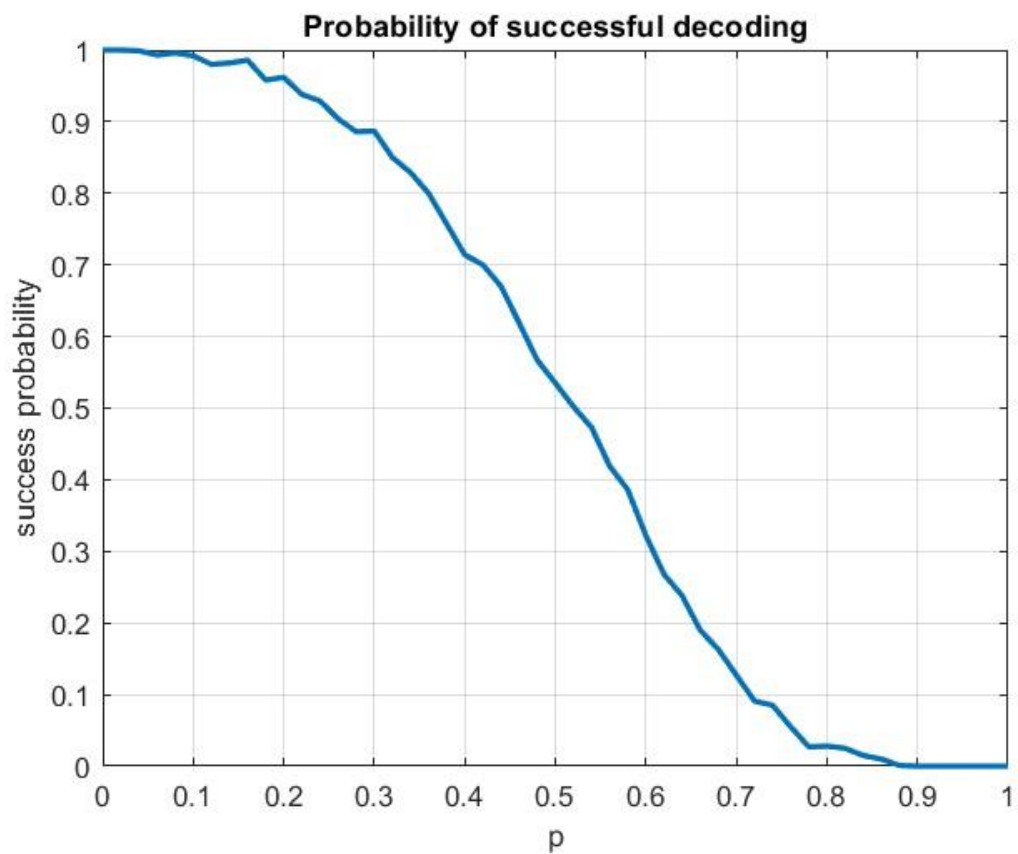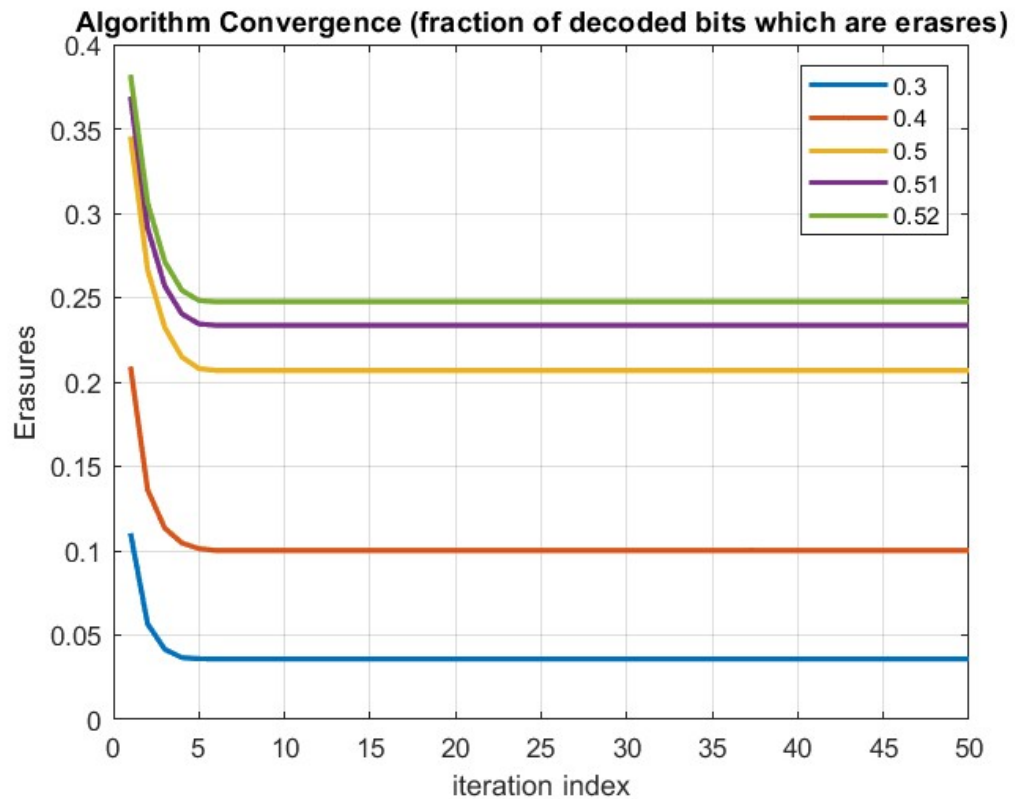
2. Large matrix: Hmatrix - 3792 X 5056 sized matrix
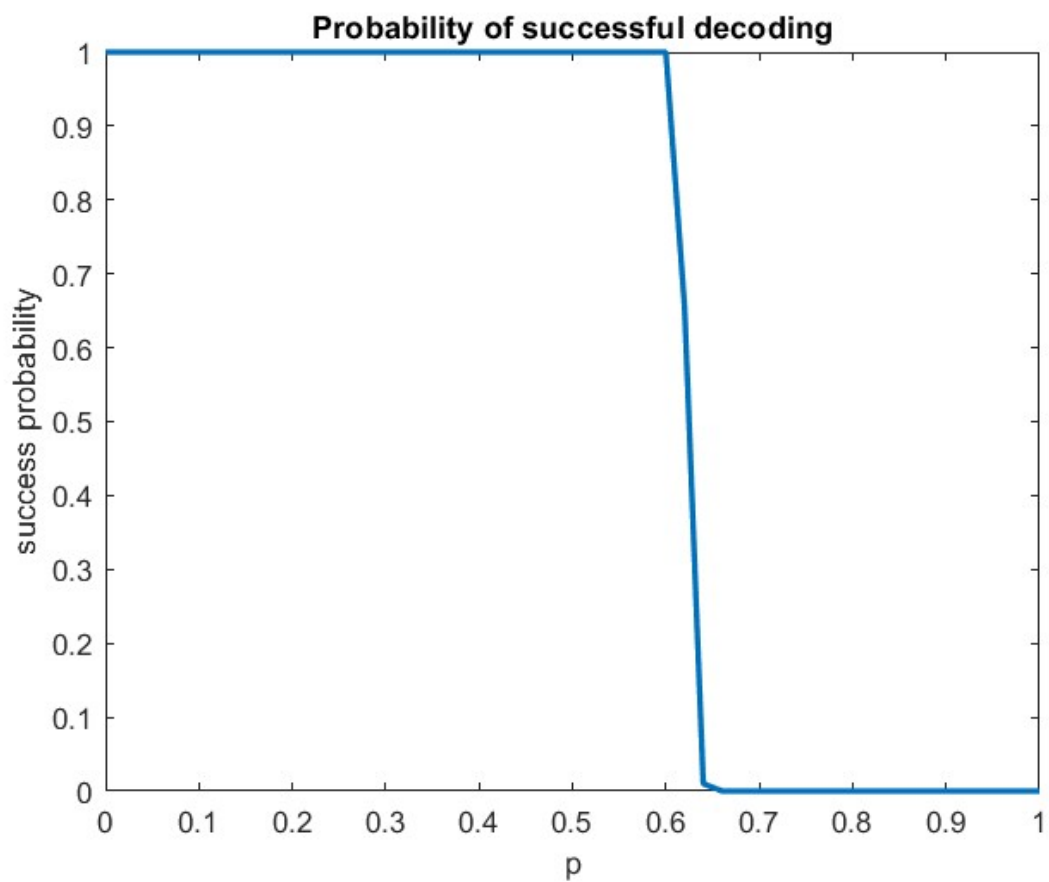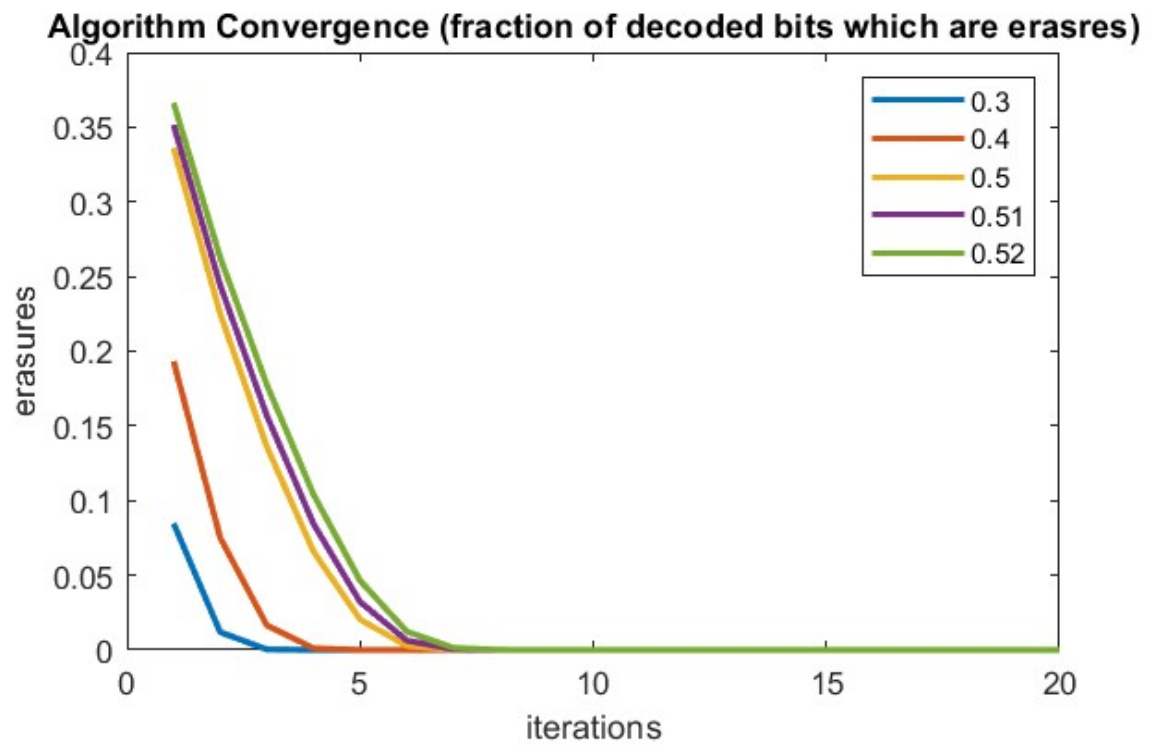
3. **Large matrix: Hmatrix2 – 3000 X 5000 sized matrix**

Algorithm Convergence (fraction of decoded bits which are erasres)

Probability of successful decoding