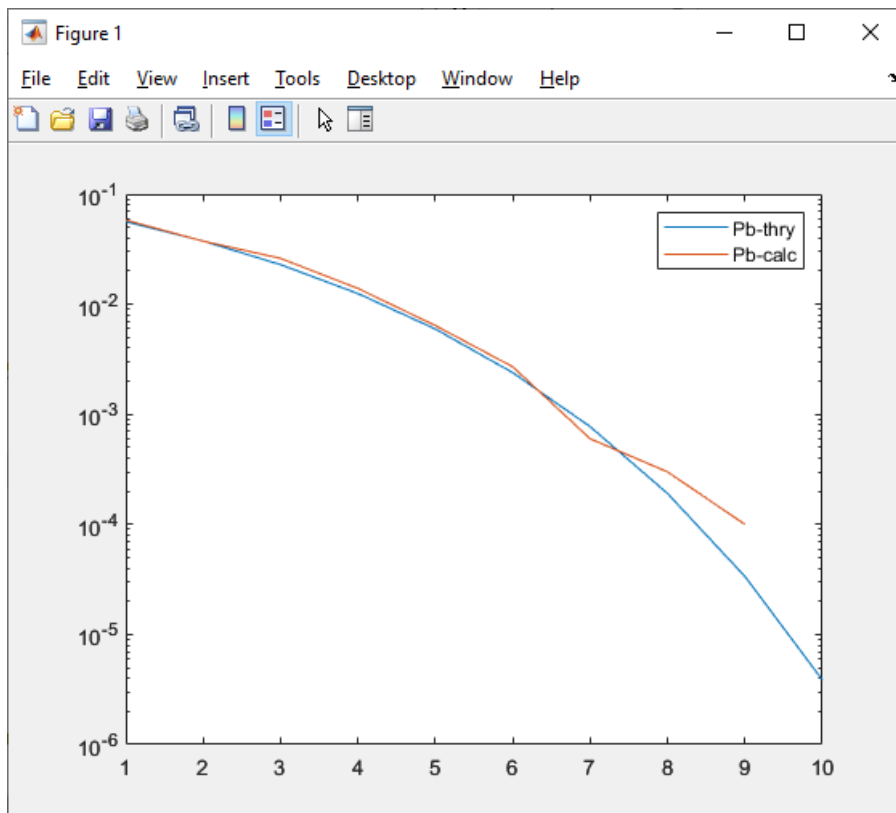


Lab 2

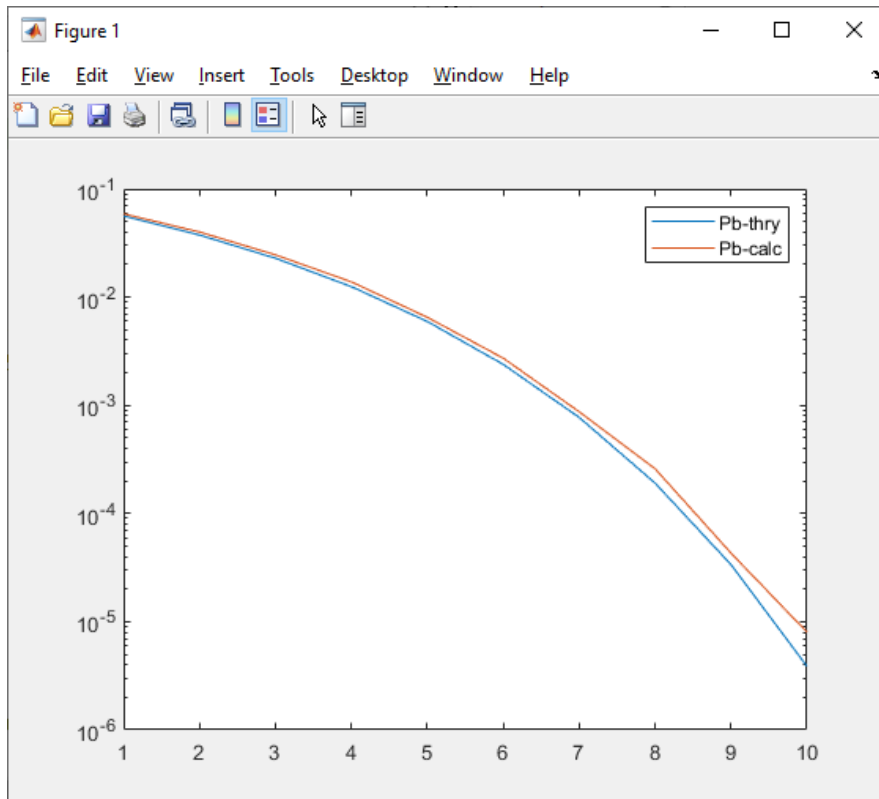
Q1.

```
Command window
>> lab2_bpsk
Number of errors: 8
Number of errors: 11
Number of errors: 23
Number of errors: 30
Number of errors: 34
Number of errors: 40
Number of errors: 47
Number of errors: 55
Number of errors: 61
Number of errors: 64
Probability of errors (theoretical): 5.953867e-03
Probability of errors (calculated): 6.400000e-03
```

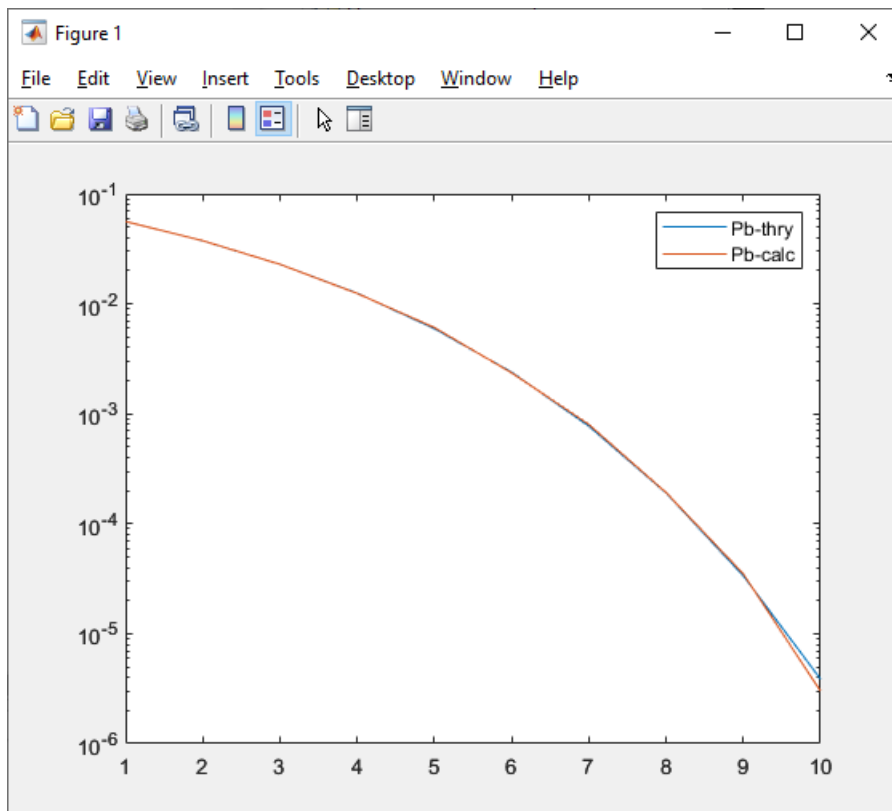
Q2. $N_f = 10$



Q3.



Q4. 4QAM $N_f = 1000$



Q5. 16QAM $N_f = 1000$

