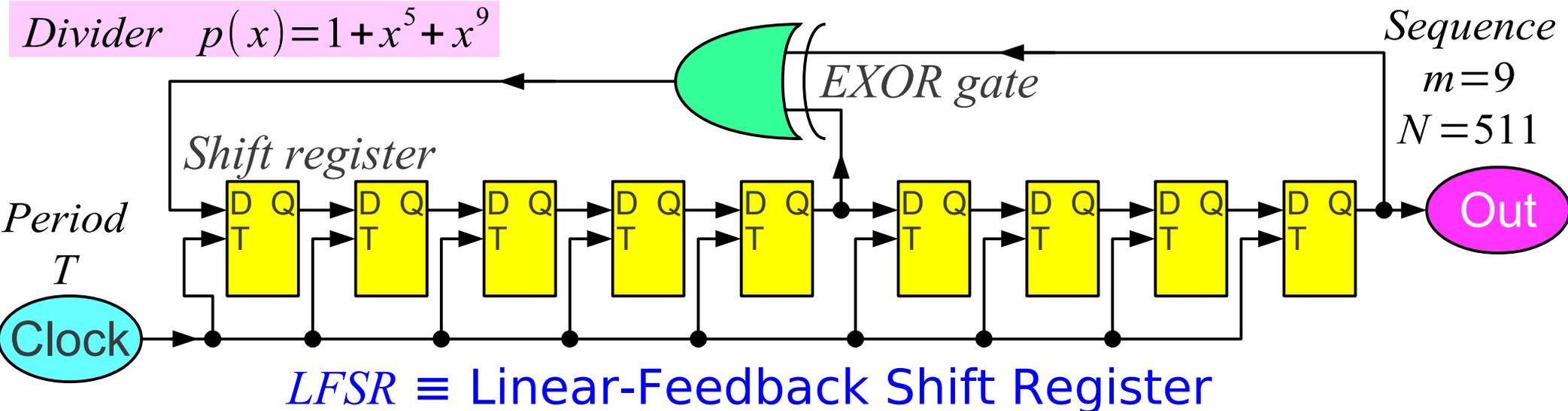


Divider $p(x) = 1 + x^5 + x^9$



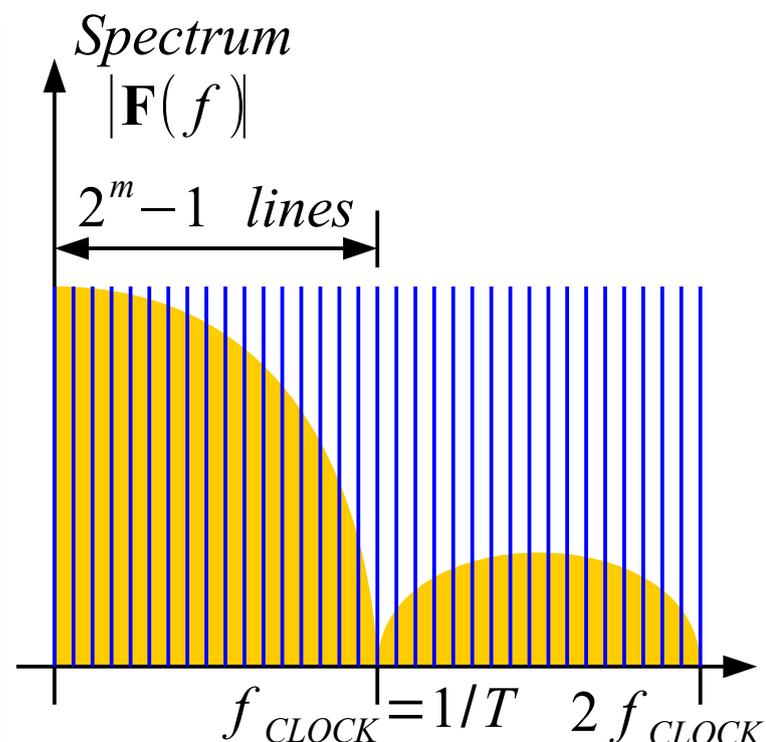
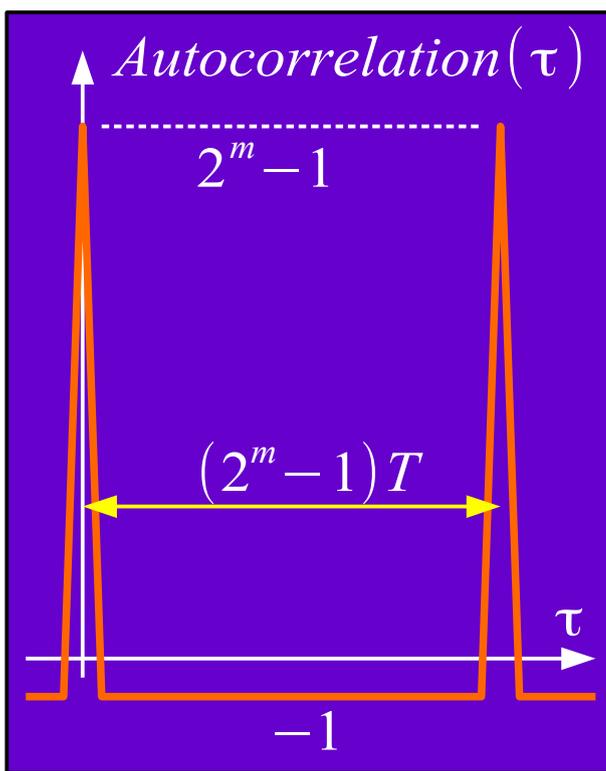
Primitive polynomial $p(x) = 1 + x^l + x^m \rightarrow$ max sequence length $N = 2^m - 1$

2^{m-1} ones and $2^{m-1}-1$ zeros
arranged in groups of

- 1X m ones, m-1 zeros
- 1X m-2 ones and zeros
- 2X m-3 ones and zeros
- 4X m-4 ones and zeros

.....

- 2^{m-5} groups 111 and 000
- 2^{m-4} groups 11 and 00
- 2^{m-3} individual 1 and 0



Sound and appear as white noise!