Quiz 3

- Closed book. Closed notes. No calculator.
- Separate into groups of no more than three persons.

Draw the complete state diagrams for linear feedback shift registers (LFSRs) using the following polynomials. Does either LFSR generate an m-sequence?

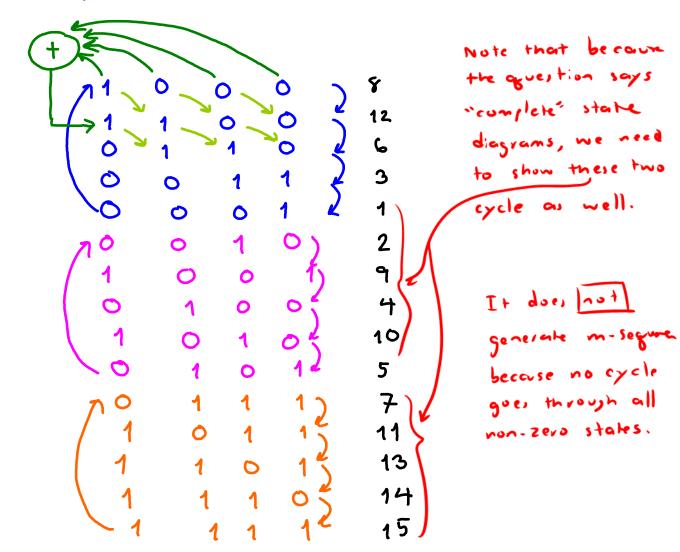
- $x^4 + x^3 + x^2 + x + 1$
- $x^4 + x^3 + 1$

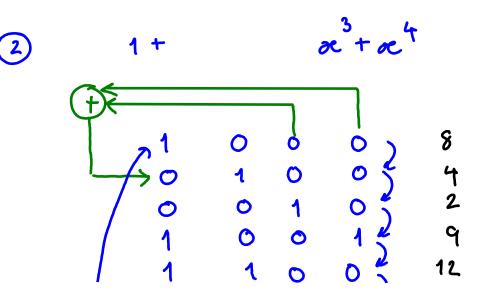
Quiz 3 Solution

Monday, January 25, 2010 9:43 PM



 $1 + \partial e + \partial e^2 + \partial e^3 + \partial e^4$





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