

7. (2) How many matrix multiplications are needed in order to compute the n th Fibonacci number using the matrix approach? Explain briefly.

8. (1) Why can't we just use the formula (seen in CSSE 230) that uses powers of the golden ratio?

9. (1) When we add three 1-digit integers, how many digits can be in the answer? Is this independent of the base (i.e, the same for decimal, binary, hexadecimal, etc.).

10. (1) How does the previous question apply to the analysis of the addition of two n -bit non-negative integers?

11. (1) Tell me about anything from today's lecture that you found confusing or feel that we need to spend more time on?. (or write N/A).

12. (1) What questions do you have (from today's lecture, from the reading, or from the course in general).