

Group: 18-2

Members: ---, ---, ---, ---, ---

1) 10/19 12-1 PM at Student Union. 10/20 2-3PM at Library. 10/23 12-1PM at Student Union.

10/19- Discussed problems relating to number theory. Went over division problems from class notes on 10/1/19. Tried solving all problems individually and then comparing our answers and how we got them. We had trouble deriving the modular exponentiation by hand, however after some review of the work shown we were able to solve the problem remainder of $3^{10} / 7$.

10/20- Solved problems pertaining to Induction Theory. For practice we used the problems solved in class from 10/15. Most of the induction problems we were able to solve fairly easily, however the Fibonacci proof proved to be quite difficult. After further review on matrix algebra and collaboration between all of the group members we eventually were able to come to the solution and understand how it was derived.

10/23- Exam Review, we went over problems from the Fall 2018 Exam 2 individually, and then compared answers after each question. Question 5 on the prime factorized form of 225000 gave some of us trouble but after breaking it down into $225 \cdot 1000$ all group members were able to work out a solution in the end. We ran into the most trouble with strong induction, with some of us not fully able to grasp problem 6 but we ran out of time and decided to work on it further in our own time.