

Instructor:

Asst. Prof. Onur Kurt

Student Name:

ID:

Date:

ITU

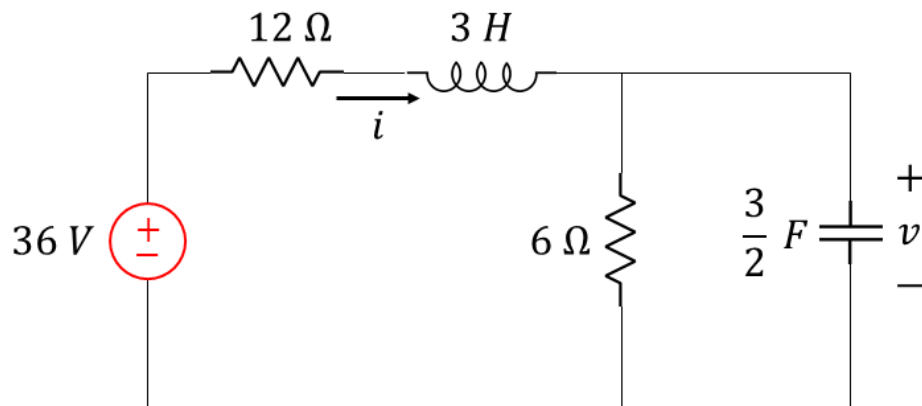
EEF 211E: Basics of Electrical Circuits (Fall 2022)

Homework #4

Grading Policy:

- You must submit your homework assignment to the course teaching assistant (TA) before its due date. Late homework will not be accepted/graded.
- Homework should be written clearly and legibly. Your answers should show step-by-step solution of each question. Messy and illegible homework may not be graded.
- You must not ask for answers directly from any aide.
- Academic dishonesty is unacceptable. Plagiarism and cheating on the homework assignment will result in a zero grade.

Question 1-) Write the state equations for the circuit shown below.



Question 2-) Determine the state variable equations for the network shown below.

