

Assignment Linear Circuit Analysis

Due Date: June 20

Q.

Solve following questions from Text Book

- i. **Chapter 4:** 2, 12, 13, 19, 29, 32, 35, 46, 47,
- ii. **Chapter 5:** 10, 11, 13, 25, 27

Q.

Solve following Examples

- i. 4.2 – 4.6, 4.11, 4.12,
- ii. 5.3 – 5.7,
- iii. 6.1, 6.2, 6.3

Q.

Find the Value of i_x for the circuit using

- i. Nodal Analysis
- ii. Mesh Analysis
- iii. Superposition Theorem

Q.

Compare the number of steps and degree of easiness of all the three methods with each other

