Assignment 2

Due date: 05-12, 23:59 IST

Figure 1 for questions 1-5

1. For the circuit shown in figure 1, determine $v_v$.

2. For the circuit shown in figure 1, determine $v_x$.

3. For the circuit shown in figure 1, determine $v_y$.

4. For the circuit shown in figure 1, determine the power delivered by the 3kΩ voltage source.

Figure 2 for questions 6-10

6. For the circuit shown in figure 2, determine $v_v$.

7. For the circuit shown in figure 2, determine $v_x$.

8. For the circuit shown in figure 2, determine $v_y$.

9. For the circuit shown in figure 2, determine the power delivered by the 1kΩ voltage source.

10. For the circuit shown in figure 2, determine the power delivered by the 3kΩ voltage source.