

ITEC451
Activity 9

Solve the following questions using the Gauss-Jordan method.

Chapter 2 – Section 2.3 Problems (Reference page 32)

6.
$$\begin{aligned} 2x_2 + 2x_3 &= 4 \\ x_1 + 2x_2 + x_3 &= 4 \\ x_2 - x_3 &= 0 \end{aligned}$$

7.
$$\begin{aligned} x_1 + x_2 &= 2 \\ -x_2 + 2x_3 &= 3 \\ x_2 + x_3 &= 3 \end{aligned}$$