

York University
Dept. of Computer Science and Engineering

Electric Circuits

ENG220

HW 1

Due date Sept. 17, 2012

- Problem 1.14 from the text
- Problem 1.20
- Solve the following set of equations using matlab
$$\begin{aligned}3x + 2y - z &= 3 \\7x + y + z &= 10 \\x + 2y - 3z &= -3\end{aligned}$$
- Plot the following graph from $t=-1$ to $t=4$ using Matlab
$$y=e^{-0.5t} \sin 100t$$