

**EEE 208 – Programming for EEE
Homework #1**

Problem: Find the angle (in degrees) between two vectors $x = [-2, 1, 3]$ and $y = [4, -2, 5]$.

Instructions:

1. Clear the workspace and screen.
2. Define the vectors x and y .
3. Think of the right formula from your linear algebra class. (Hint: You need to calculate the dot product first).
4. Use separate variables for dot product, magnitudes, etc.
5. Calculate the angle in degrees.
6. Save the .m file and email it to me.