CS 111: Review Quiz: Due by 5:00pm Friday, January 11

Your Name

October 23, 2024

1. Answer to question 1:

   Use inline equations for simple math $1+1 = 2$, and centered equations for more involved or important equations

   $$a^2 + b^2 = c^2. \tag{1}$$

   Some people like to write scalars without boldface $x + y = 1$ and vectors or matrices in boldface

   $$\mathbf{Ax} = \mathbf{b}. \tag{2}$$

   An example of a matrix LaTeX:

   $$\mathbf{A} = \begin{pmatrix} 3 & -1 & 2 \\ 0 & 1 & 2 \\ 1 & 0 & -1 \end{pmatrix}. \tag{3}$$

   With a labeled equation such as the following:

   $$\frac{d^2 x}{dt^2} = a \tag{4}$$

   you can referrer to the equation later. In equation 4 we defined acceleration.

2. Answer to question 2