

Physics 201 - Lecture 4

Topics for today:

1. Questions about Assignment 1
2. More on the algebra of vectors
3. Introduction to Kinematics

Dimensional Analysis.

① SI units mass \rightarrow kg
 time \rightarrow s

⋮

② mass \rightarrow M
 time \rightarrow T
 length \rightarrow L

It's 3, 6.756, ... dimensions

$$K = 0.5 m v^2 \rightarrow \begin{matrix} \uparrow & \uparrow & \uparrow \\ & M & (L/T) \end{matrix} \begin{matrix} \\ \\ 2 \end{matrix}$$

