[redacted] Aug 25

Welcome to the course!

Heard any good rumors?

Rules of the game

Intro to course

A calculation . . .

$$V = \sqrt{\frac{2\pi T}{\lambda \rho}}$$

$$V = 0.67\ m/s$$

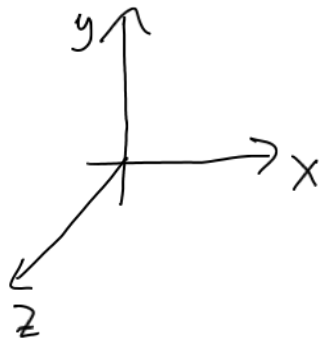
$$T = 7.3e{-}2\ kg/s^2$$

(10^{-2})

$$\lambda = 10^{-3}\ m \qquad \rho = 1e3\ \frac{kg}{m^3}$$

1 EE +/- 3

3D vectors and intro to VPython



$\vec{r} = \langle x, y, z \rangle$

$= r_x \hat{i} + r_y \hat{j} + r_z \hat{k}$

$\vec{r} = \langle 0.5, 2, 3 \rangle$ m

```
from visual import *
sphere()
sphere(pos=vector(1,2,3))
```