

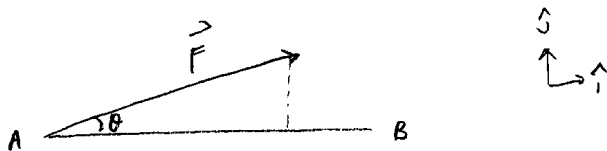
Eng 202 HW1 Comments

- Overall a simple assignment, quite well done.

Common mistakes

- Some students do not know their trigonometry! Please get your cosines and sines clear

- Consider these diagrams (for 3rd qn)



1. The component of the force \vec{F} in direction AB has a magnitude of $|\vec{F}| \cos \theta$, $\vec{F}_{AB} = |\vec{F}| \cos \theta \hat{i}$

2. Some of you found the force in the direction of AB as if \vec{F} was a projection of \vec{F}_{AB} , hence you got $\vec{F}_{AB} = \frac{|\vec{F}|}{\cos \theta} \hat{i}$, which is wrong! Read the question carefully.