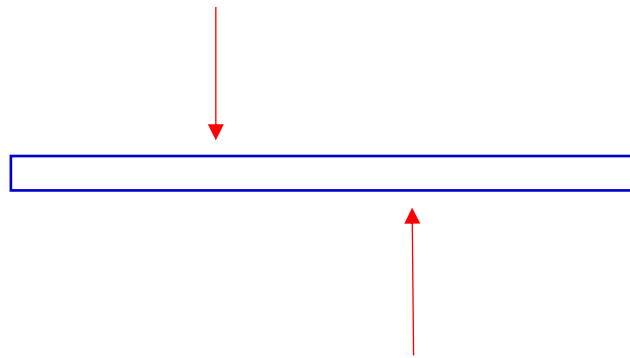
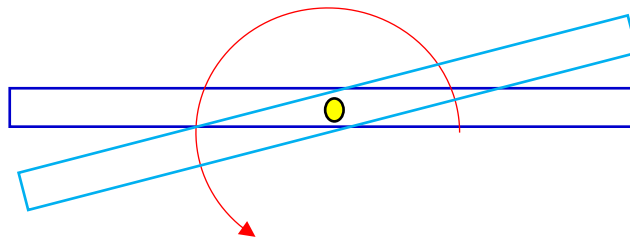


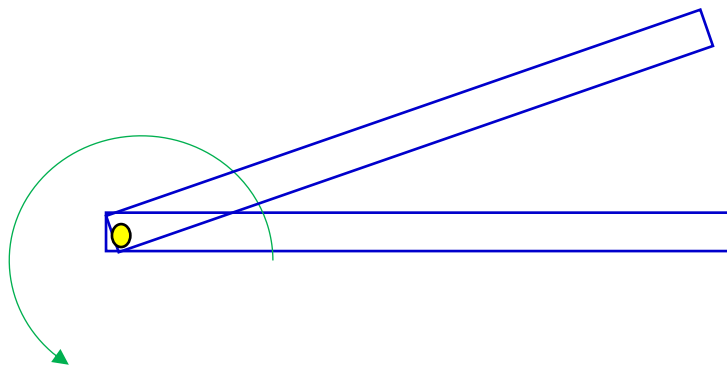
Here are two forces acting on a rod



Here is the kinetics represented by a couple centered at the yellow dot. The light blue shows how the object rotates.



However, if a couple is a free vector, I should be able to move it to the left side.



However, I see this rod behaving two different ways

If the couple is red, then the bar spins about its center

If the couple is green, then the bar spins about the left end.

Could someone clarify this for me?