

Static Equilibrium in Small Objects

- All the forces must balance and $F_{net} = 0$
- All forces act through the centre of mass

* Draw a FBD

* Analyze the problem: horizontally / vertically
or x/y-axis

* Friction may need to taken into account
(Static!)

$$F_f \leq \mu F_N$$

↑ static

TODO: FOP 6-1 } sheet
FOP 6-2 }