

## In 3-D

Same as 2-D, except have one additional equilibrium equation

$$\begin{aligned}\sum F_x &= 0 \\ \sum F_y &= 0 \\ \sum F_z &= 0\end{aligned}$$

3-D  $\Rightarrow$  Use the unit vector  
unknown  $\vec{F}_{AB}$

$$\vec{F}_{AB} = F_{AB} \vec{u}_{AB}$$

Variable numbers

