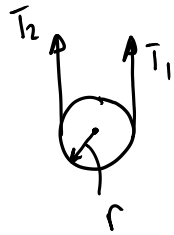


6.5) Pulleys

- Enforce equilibrium at each pulley
- Neglect friction due to the contact of the cable with the pulley
- The tension in the cable on either side of a pulley must be the same



$$+\circlearrowleft \sum M_{center} = 0 \Rightarrow T_1 r - T_2 r = 0$$
$$T_1 = T_2$$