Chapter 5. Objects in Equilibrium

Section 5.1. The Equilibrium Equations

Definition. An object acted on by a system of forces and moments is in *equilibrium* when the sum of the moments is zero:

1.
$$\sum \vec{F} = \vec{0}$$
, and

2.
$$\sum \vec{M}_P = \vec{0}$$
 for every point P .

Revised: 9/26/2018