

Section 3.4. Three Dimensional Force Systems

Note. In a three dimensional statics problem, the *equilibrium equations* are

$$\sum \vec{F} = \left(\sum F_x \right) \hat{i} + \left(\sum F_y \right) \hat{j} + \left(\sum F_z \right) \hat{k} = \vec{0}$$

or $\sum F_x = 0$, $\sum F_y = 0$, and $\sum F_z = 0$.

Example. Page 114 Number 3.67.

Example. Page 116 Number 3.79.

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