



Forces :

$$F_{2x} = F_{1x}$$

$$F_{2y} = F_{1y}$$

$$F_{2z} = F_{1z}$$

Moments :

$$M_{2x} = M_{1x} - F_{2y}(\bar{z}) + F_{2z}(\bar{y})$$

$$M_{2y} = M_{1y} - F_{2x}(\bar{z}) - F_{2z}(\bar{x})$$

$$M_{2z} = M_{1z} - F_{2x}(\bar{y}) + F_{2y}(\bar{x})$$

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