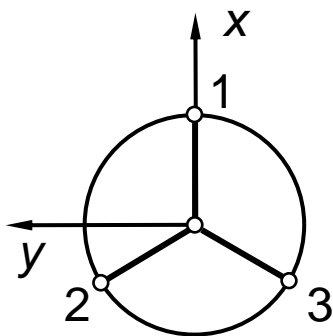
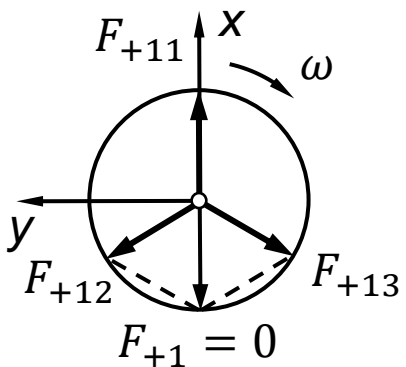


Crank position

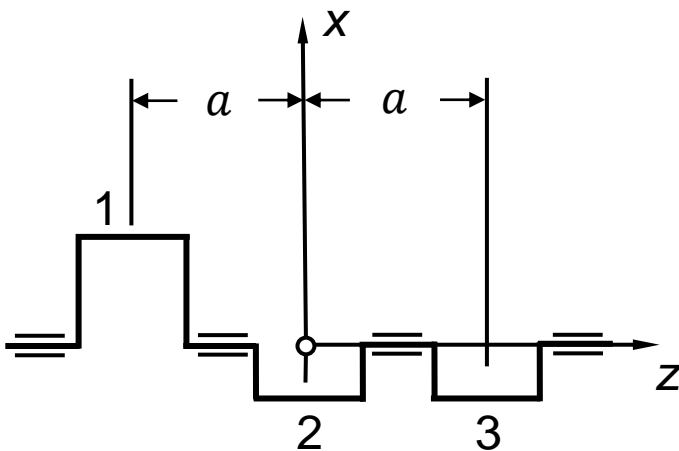
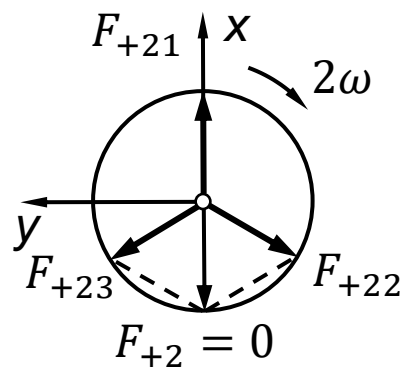


Forces

1<sup>st</sup> Order

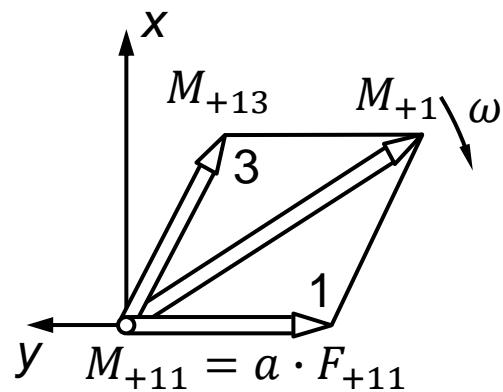


2<sup>nd</sup> Order



Moments

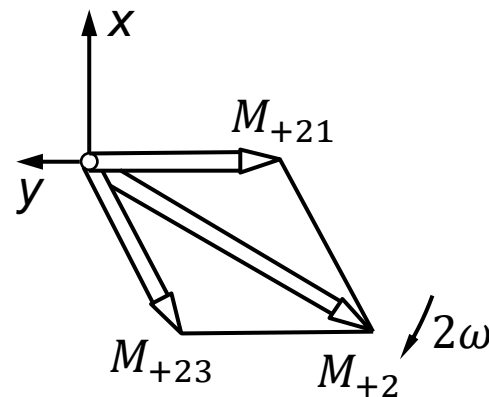
1<sup>st</sup> Order



$$\hat{M}_1 = 2M_{+1} = \sqrt{3} \cdot F_{01} \cdot a$$

(oscillating)

2<sup>nd</sup> Order



$$\hat{M}_2 = 2M_{+2} = \sqrt{3} \cdot F_{02} \cdot a$$

(oscillating)