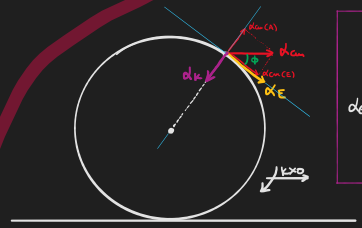


Eigenschaften Einheitsvektoren

- I: $a_{eq} = a_{cm} + a_E = 2 a_{cm}$
- II: $a_{eq} = a_E$
- III: $a_{eq} = a_{cm} - a_E = 0$
- IV: $a_{eq} = a_E$

Einheit Einheitsvektoren

- I: $a_{eq} = \sqrt{a_{eq}^2 + a_{eq}^2} = \sqrt{4a_{cm}^2 + a_E^2}$
- II: $a_{eq} = \sqrt{(a_E - a_{cm})^2 + a_E^2} = \sqrt{(a_E - a_{cm})^2 + a_E^2}$
- III: $a_{eq} = a_E$
- IV: $a_{eq} = \sqrt{a_E^2 + (a_{cm} + a_E)^2} = \sqrt{a_{cm}^2 + (a_{cm} + a_E)^2}$



Eigenschaften Einheitsvektoren

$$a_{eq} = a_E + a_{cm}(c) = a_E + a_{cm} \sin \phi$$

Einheit Einheitsvektoren

$$a_{eq} = \sqrt{a_E^2 + a_{cm}^2} = \sqrt{a_E^2 + (a_{cm} + a_E)^2}$$