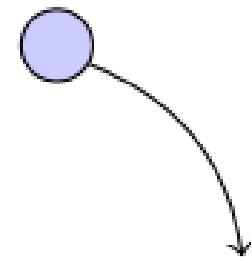


- Coriolis acceleration



$$\vec{a}_p = \vec{a}_o + \frac{b}{dt^2} \vec{r} + 2\vec{\omega}_{ib} \times \frac{b}{dt} \vec{r} + \vec{\alpha}_{ib} \times \vec{r} + \vec{\omega}_{ib} \times (\vec{\omega}_{ib} \times \vec{r}) \quad (1)$$

- Transversal acceleration



- Centripetal acceleration

