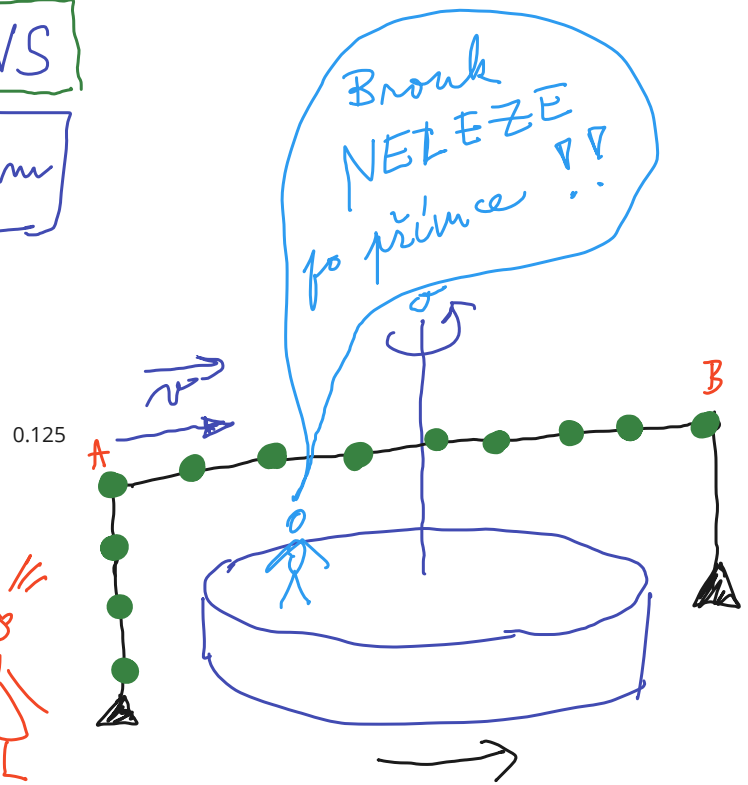
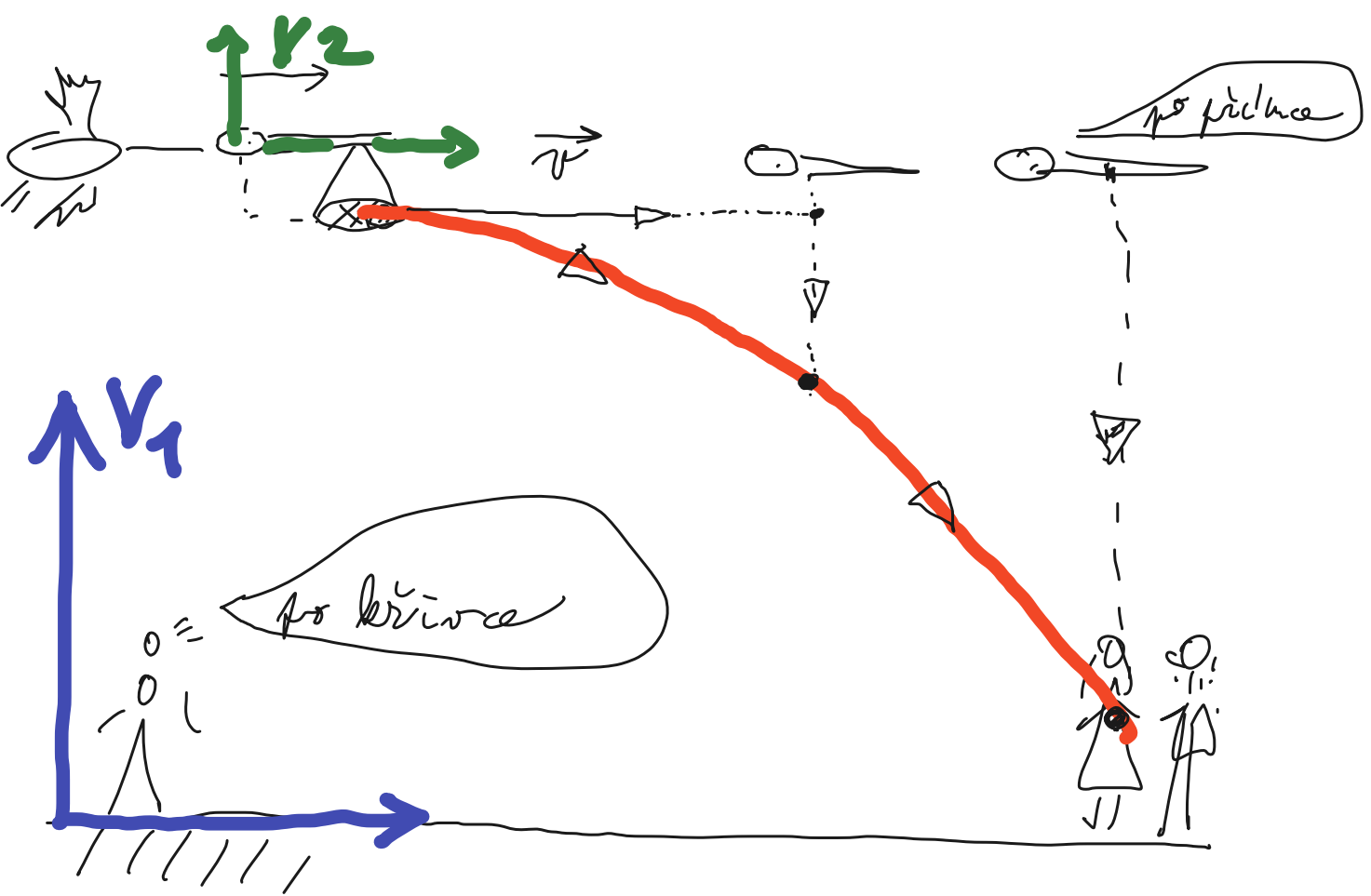


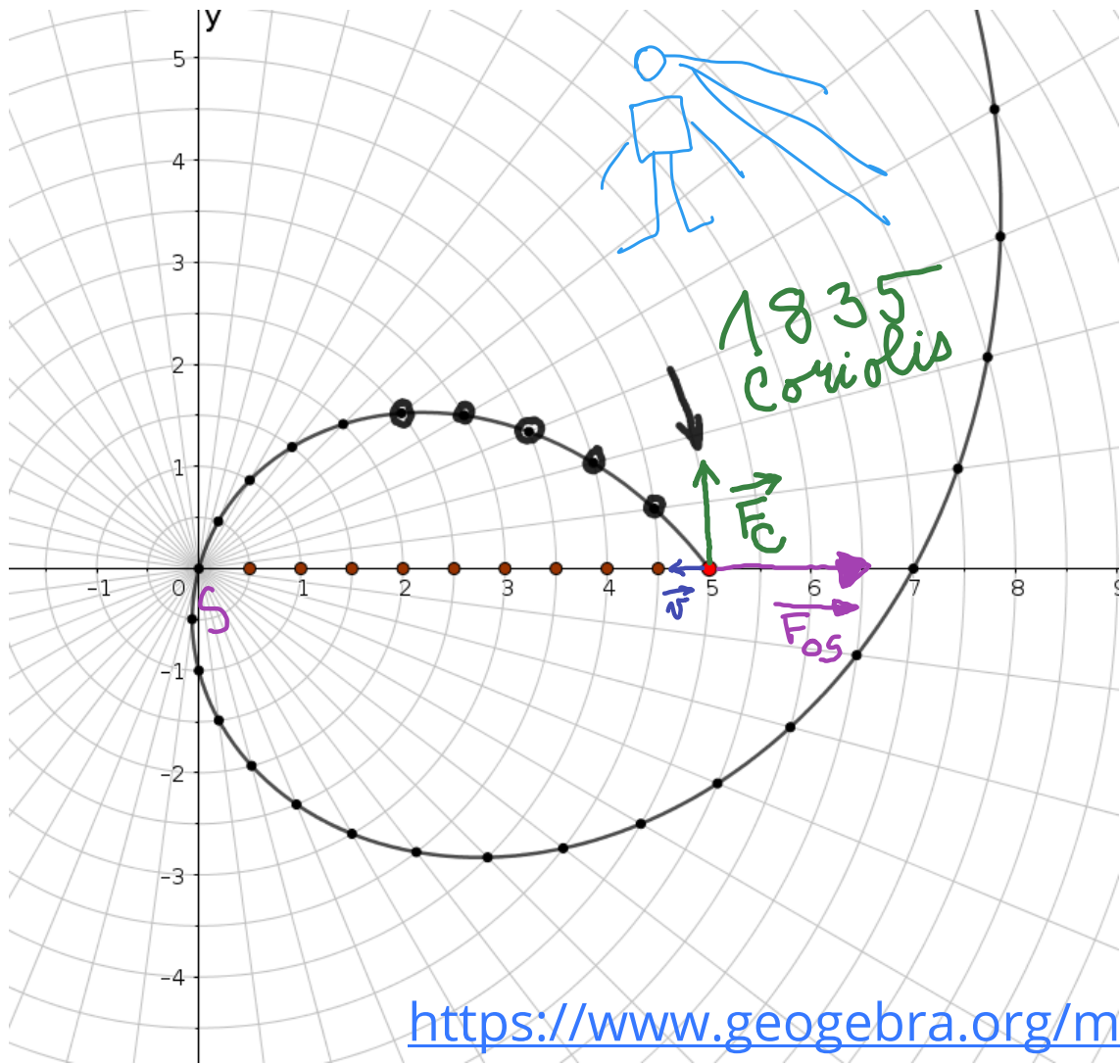
*Brouk
lesl je prince*



3 ● VS se otáčí + těleso se, které se pohybuje



TRAJEKTORIE JE RELATIVNÍ

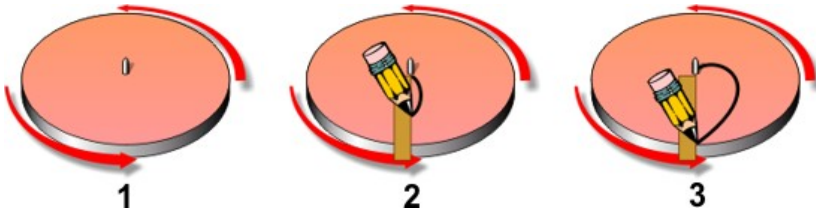


pokud $\vec{v} \parallel \sigma$

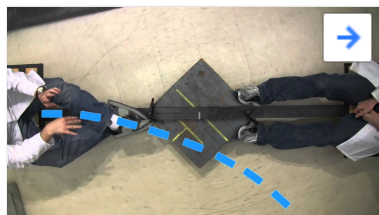
$$\underline{F_C = 0}$$

pokud $\vec{v} \perp \sigma$

F_C je max



The coriolis force - visualised
YouTube



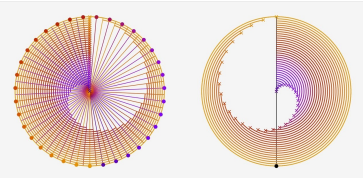
youtu.be

Coriolis Effect

Two demonstrators sit at either end of a rotating platform and toss a ball back and forth. When viewed from the rest frame (when the camera is mounted to the...



The Coriolis Effect, Part 1
YouTube



Inertial Frame Rotating Frame

youtu.be

Coriolis force: building physical intuition

How does the motion of an object moving with constant velocity look from the perspective of a rotating observer? The



OUTREACH
Coriolis Force

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The Coriolis Effect, Part 2

University of Washington Department of Atmospheric Sciences Outreach Presents...*** The Coriolis Effect, Part 2: An Investigative Report***Our investigative ...

$$m \mathbf{a} = -m \vec{\omega} \times (\vec{\omega} \times \vec{r}) - m \frac{d\vec{\omega}}{dt} \times \vec{r}$$

in a rotating frame

youtu.be

Equation of motion in a rotating frame: deriving the fictitious force terms

Here's how to use the operator relation for time derivatives in a rotating frame to show how fictitious force terms (centrifugal, Coriolis and Euler) arise. ...