θ

$$r^{P/o} = r^{o/o} + \frac{P/o}{Q}$$

$n = 1 \quad (G.C.)$

Motion Constraint Ex
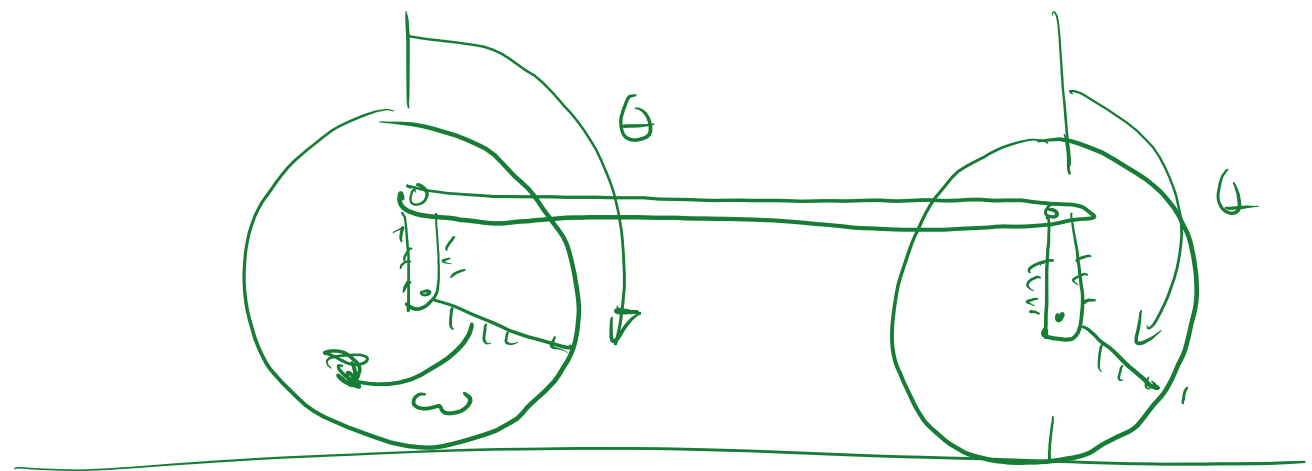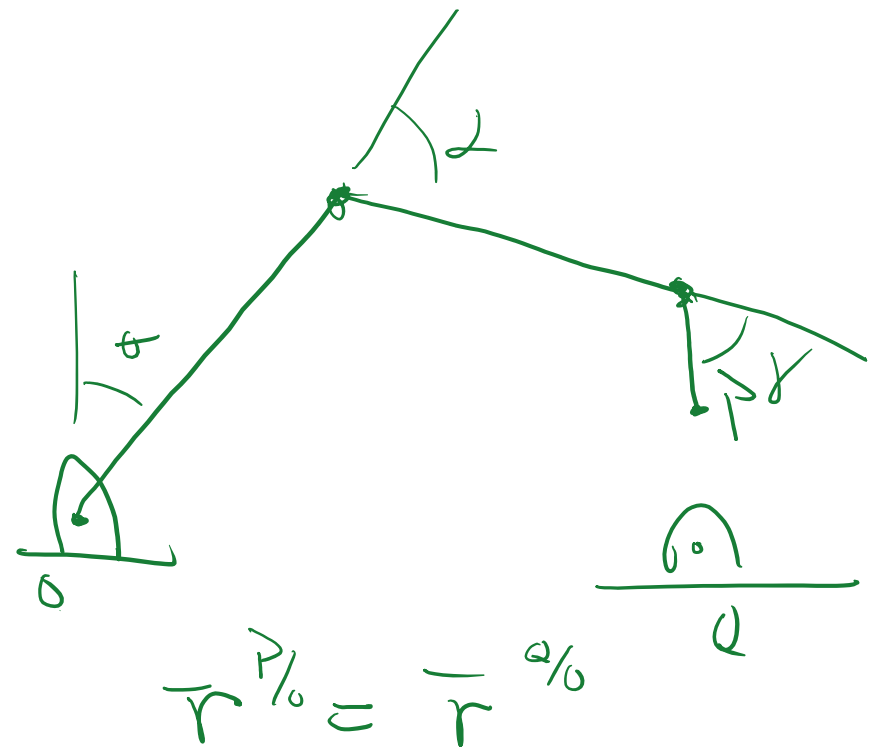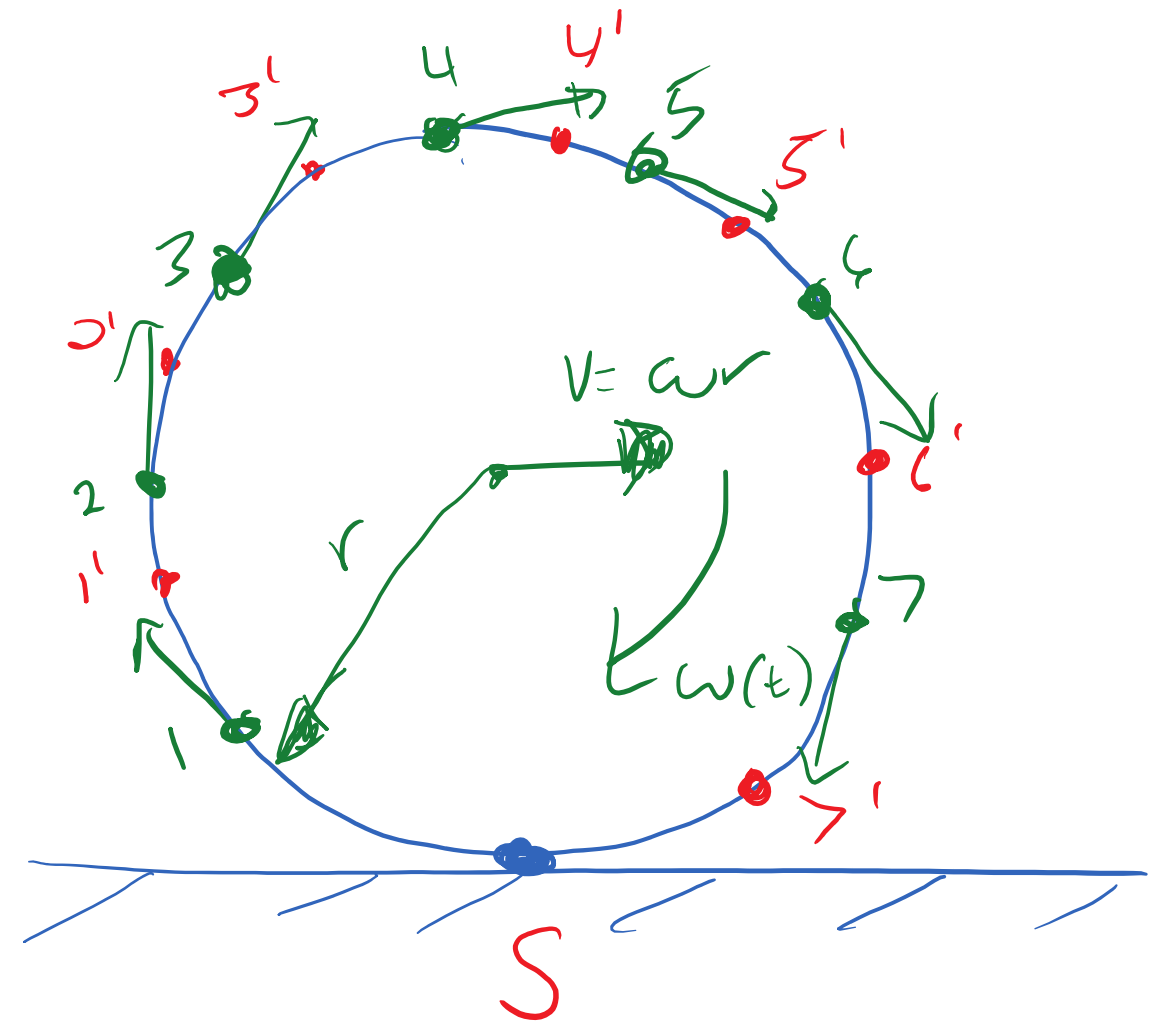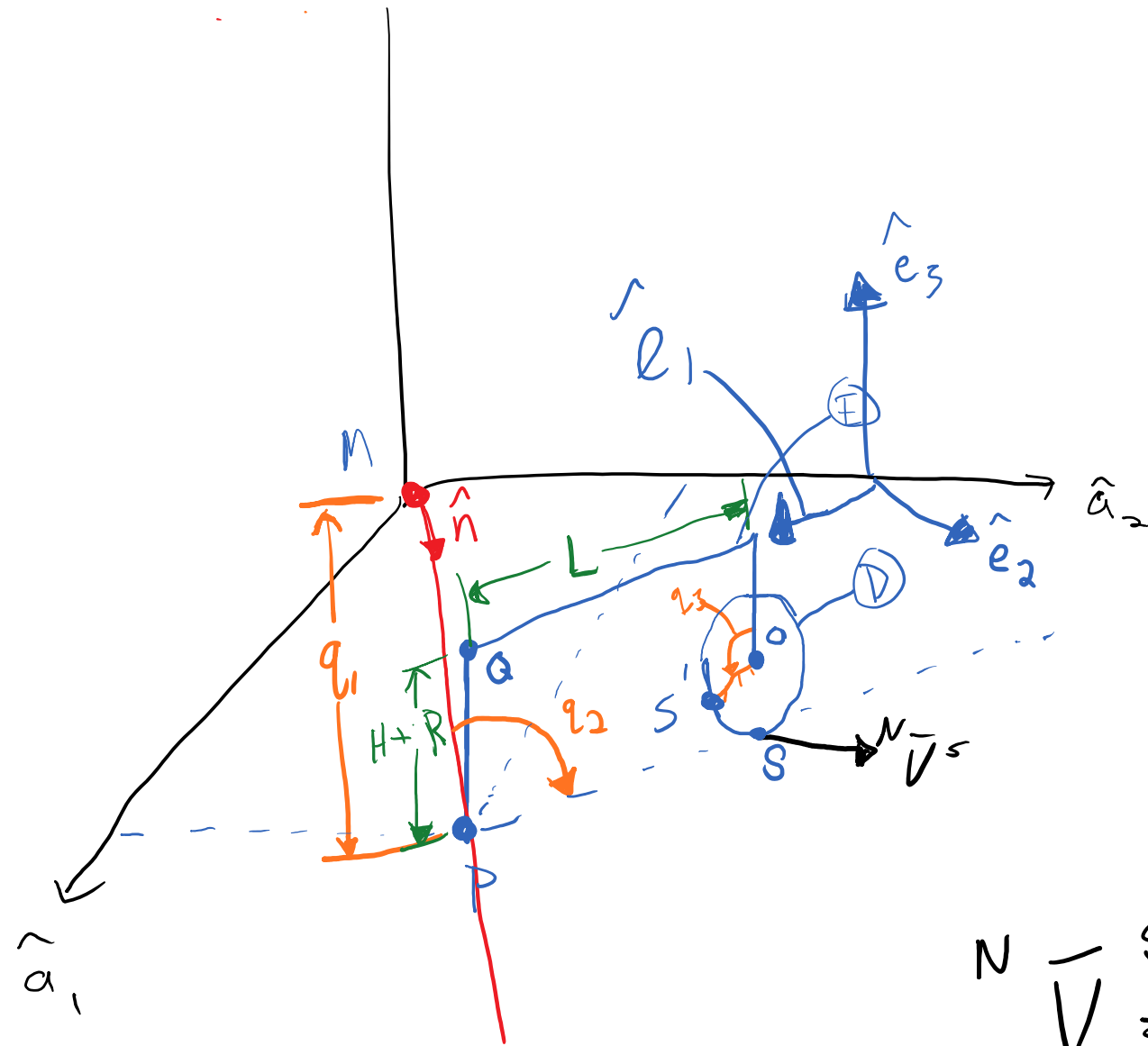
Simple trailer that rolls w/o slip on the $\hat{a}_1, \hat{a}_2$ plane.

See IPYNB for Solution

$$^N\vec{V}^S = a\,\hat{e}_x + b\,\hat{e}_y + c\,\hat{e}_z = d\,\hat{n}_x + e\,\hat{n}_y + f\,\hat{n}_z = 0$$

$V = \omega r$

$\omega(t)$