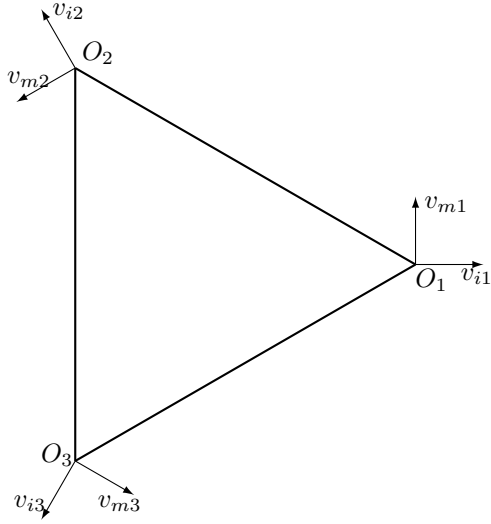


Modélisation du robot holonome

Jonathan Plasse

29 mai 2018



$$v_{i1} = \frac{y - y_1}{\alpha}$$

$$v_{m1} = \frac{x_1 - x}{\alpha}$$

$$-\frac{\sqrt{3}}{2}v_{m2} - \frac{1}{2}v_{i2} = \frac{y - y_2}{\alpha}$$

$$-\frac{1}{2}v_{m2} + \frac{\sqrt{3}}{2}v_{i2} = \frac{x_2 - x}{\alpha}$$

$$\frac{\sqrt{3}}{2}v_{m3} - \frac{1}{2}v_{i3} = \frac{y - y_3}{\alpha}$$

$$-\frac{1}{2}v_{m3} - \frac{\sqrt{3}}{2}v_{i3} = \frac{x_3 - x}{\alpha}$$