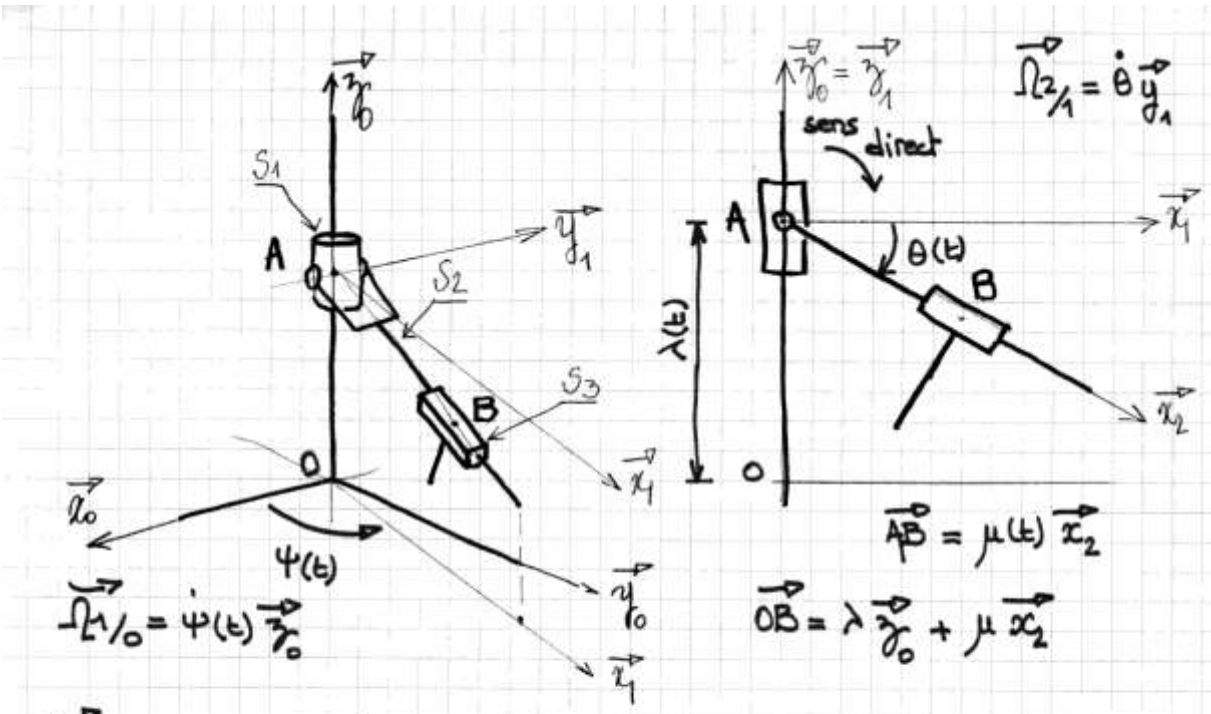

$\vec{\Omega}_{1/0} = \dot{\psi}(t)\,\vec{z}_0$ $\qquad$ $\vec{\Omega}_{2/1} = \dot{\theta}\,\vec{y}_1$

$\vec{AB} = \mu(t)\,\vec{x}_2$ $\qquad$ $\vec{OB} = \lambda\,\vec{z}_0 + \mu\,\vec{x}_2$

$$\vec{V}_{B/0} = \left[\frac{d}{dt}\vec{OB}\right]_0 = \dot{\lambda}\,\vec{z}_0 + \dot{\mu}\,\vec{x}_2 + \mu(\dot{\psi}\,\vec{z}_0 + \dot{\theta}\,\vec{y}_1)\wedge\vec{x}_2$$

$$\vec{V}_{B/0} = \dot{\lambda}\,\vec{z}_0 + \dot{\mu}\,\vec{x}_2 + \mu\dot{\psi}\cos\theta\,\vec{y}_1 - \mu\dot{\theta}\,\vec{z}_2$$

$$\vec{V}_{B/0} = \vec{V}_{B/2} + \vec{V}_{B\in 2/0}$$

$$= \dot{\mu}\,\vec{x}_2 + \left[\vec{V}_{A\in 2/0} + \vec{BA}\wedge\vec{\Omega}_{2/0}\right]$$

$$\vec{V}_{B/0} = \dot{\mu}\,\vec{x}_2 + \dot{\lambda}\,\vec{z}_0 + (-\mu\,\vec{x}_2\wedge(\dot{\psi}\,\vec{z}_0 + \dot{\theta}\,\vec{y}_1)).$$

$$\vec{\Gamma}_{B/0} = \left[\frac{d}{dt}\vec{V}_{B/0}\right]_0$$