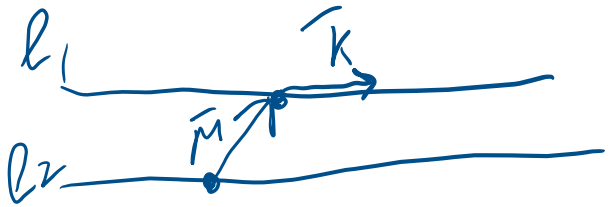
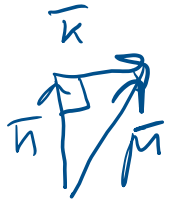
$$\frac{x-x_0^1}{\alpha_1} = \frac{y-y_0^1}{\beta_1} = \frac{z-z_0^1}{\gamma_1} \qquad \ell_1 = \lambda \bar{\eta}_1$$

$$\frac{x-x_0^2}{\alpha_2} = \frac{y-y_0^2}{\beta_2} = \frac{z-z_0^2}{\gamma_2} \qquad \ell_2 = \lambda \bar{\eta}_2$$

$$\bar{\mu} = (x_0^1 - x_0^2,\ y_0^1 - y_0^2,\ z_0^1 - z_0^2)$$

1) $\ell_1 \parallel \ell_2$ $\qquad \frac{\alpha_1}{\alpha_2} = \frac{\beta_1}{\beta_2} = \frac{\gamma_1}{\gamma_2} \Rightarrow S(\ell_1, \ell_2) = |\bar{\mu} - \frac{\bar{\mu}}{|\mu|}$





$$\bar{\eta} = \bar{\mu} - \bar{\kappa}$$

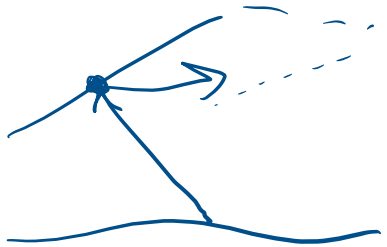
$$\bar{\kappa} = (\bar{\mu}, \bar{\eta}_1) \cdot \frac{1}{|\bar{\eta}_1|} \cdot \frac{\bar{\eta}_1}{|\bar{\eta}_1|}$$

$$|\bar{\eta}| = \sqrt{|\bar{\mu}|^2 - |\bar{\kappa}|^2} = \sqrt{|\bar{\mu}|^2 - \frac{(\bar{\mu}, \bar{\eta}_1)^2}{|\eta_1|^2}}$$

$\ell_1 \nparallel \ell_2$

$$\vec{n} = \frac{[\vec{\tau}_1, \vec{\tau}_2]}{|\vec{\tau}_1||\vec{\tau}_2|} \perp \ell_1, \ \perp \ell_2$$

и $|\vec{n}| = 1$



$$\left| \frac{(\vec{\mu}, \vec{n})}{|\vec{\mu}|} \right| = S(\vec{\ell}_1, \vec{\ell}_2)$$