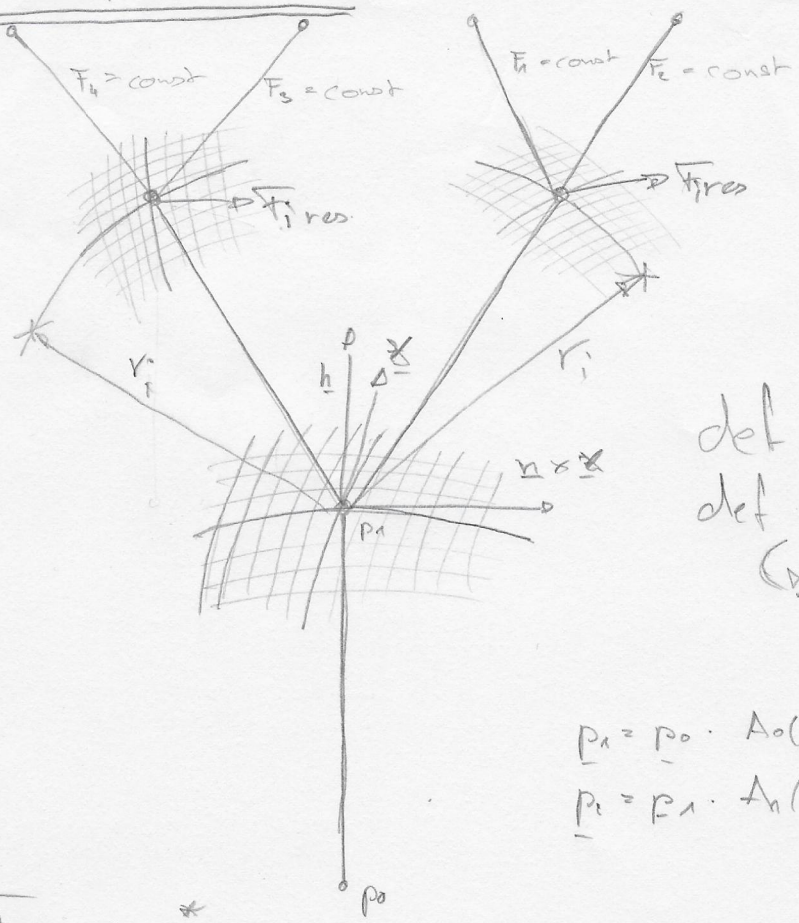
Lineset improvement



def compute_residuals

def spherical_variation*

$(\underline{\alpha}, \underline{\beta}) \rightarrow$ residuals*

$\underline{p}_1 = \underline{p}_0 \cdot A_0(\alpha_0, \beta_0)$

$\underline{p}_2 = \underline{p}_1 \cdot A_1(\alpha_1, \beta_1) = \underline{p}_0 \cdot A_0(\alpha_0, \beta_0) \cdot A_1(\alpha_1, \beta_1)$

Find min $\langle \underline{F}_{res} \rangle$ *

1.) provide $\underline{\alpha}, \underline{\beta}$ for all lines but uppermost

2.) compute $\underline{p}_i$ for all lines (a copy of origin lineset)

3.) compute residual forces $\underline{F}_{res}$