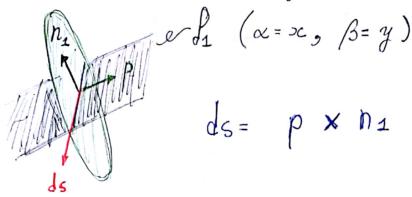


Intersection blun plane & yield for:

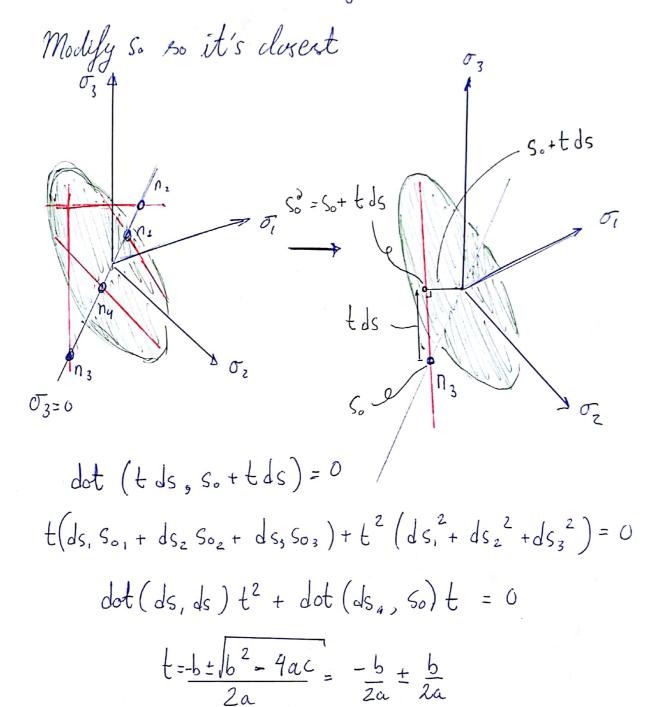


Parametric line eqn: 51 = 50 + t dsLet $\sigma_3 = 0 \longrightarrow \text{Solve}\left(\text{plane} = 0, f_1 = 0\right) \rightarrow \sigma_1, \sigma_2$ $50 = \langle \sigma_1, \sigma_2, 0 \rangle$

Repeat for 5 remaining yield Surfaces.

$$P = \{i\}, \quad n = [n_{\alpha}, n_{\alpha}, 0, n_{\beta}, n_{\beta}, 0, n_{\beta}, 0, n_{\beta}, 0, n_{\alpha}, n_{\alpha}, 0, n_{\alpha}, n_{\alpha}$$

Point on line closest to origin:



This is used to portion text indicating which fi

 $t = -b/a = -\frac{dot(ds, so)}{dat(ds, ds)}$

Intersection Sturn yield In lines:

Store so l de in matrix Perm:

$$\zeta_{0} = \begin{bmatrix}
\zeta_{0}(0,0) & \zeta_{0}(1,0) \\
\zeta_{0}(0,1) & \zeta_{0}(1,1) \\
\zeta_{0}(0,2) & \zeta_{0}(1,2)
\end{bmatrix}$$

$$ds^{T} = \begin{bmatrix} ds(0,0) & ds(1,0) & \\ ds(0,1) & ds(1,1) & \\ ds(0,2) & ds(1,2) & \\ \end{bmatrix}$$

Need to solve for oc & y such that:

So[i] + x ds[i] = So[i+1]+ y ds[i+1]

but since we only have I vars we can

So[i,0:2] + x ds[i,0:2] = So[i+1,0:2]+y ds[i+1,0:2]

for i in range (5) egns = Soli, 0:2)+x ds[i, 0:2] - So [i+1, 0:2] - y ds [i+1,0:2] sol = solve (egns) SILij = So Lij+ Gol (x) ds [i]