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]