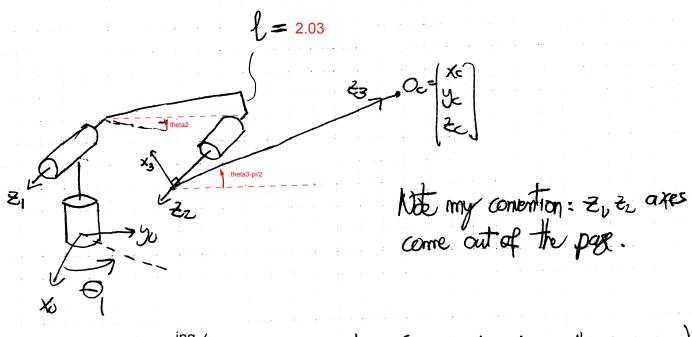
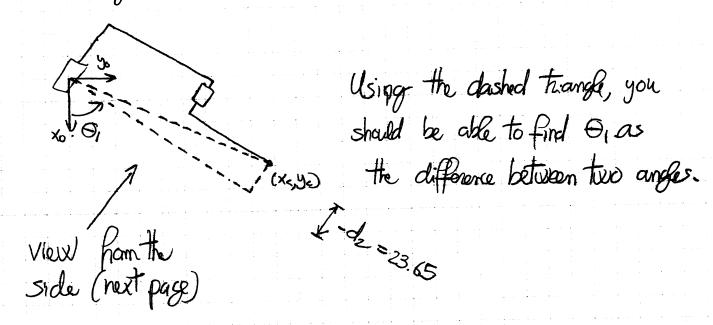
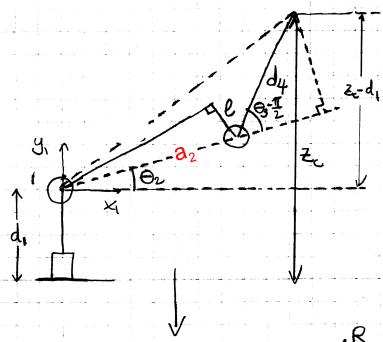
Schematic Representation of PUMA 560 robot.



Find O, by view robot from the top (1.e; Boot down the 20 axis)



Find Θ_2 , Θ_3 from the side view of the zobot, obtained by looking down the Z_1 , Z_2 axes. It turns out that this view lies on the $X_1 - Y_1$ plane



Note: di, il ai ane

DH parameters. You have
to find these based on the
robot measurements provided

- 1) Apply law of coares to triangle PQR to find angle \$\text{O}_3.
 - 2) Use triangle RPS
 to find angle 4,
 3) Use triangle RPT
 - to find angle 1/2
 - 4 Note that theta2 = Psi2 Psi1

Nto: $RT = Z_2 - d_1$ $PT = \sqrt{Z_2^2 + y_2^2 - d_2^2}$ $PQ = \sqrt{Z_2 - d_1^2 + \chi_2^2 + \chi_2^2 - d_2^2}$ $PQ = a_2$