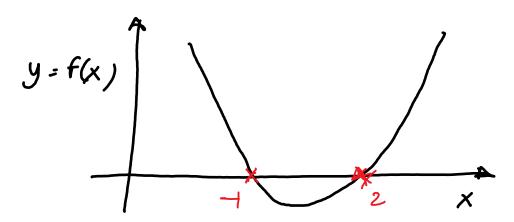
$$\rightarrow y = f(x)$$

Example

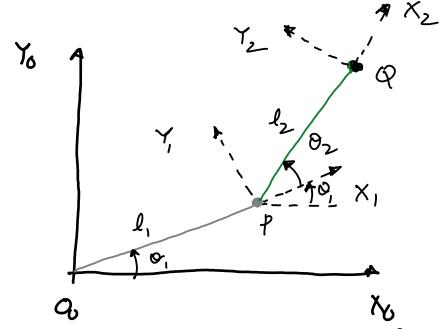
$$y = f(x) = x^2 - x - 2 \in$$

Solution:
$$X:-1$$
 and $X=2$
 $f(-1)=0$ $f(2)=0$



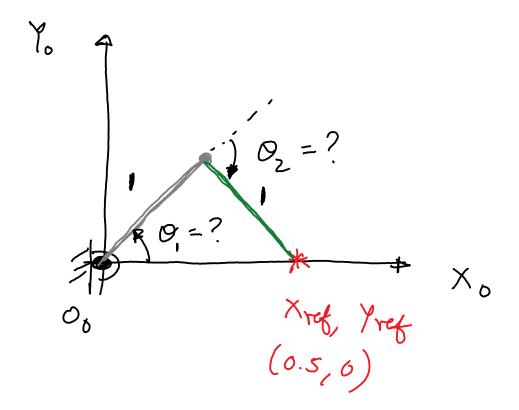
Introduction to <u>fsolve</u> (MATLAB)

Inverse Kinematics



$$\begin{cases} x_{q}^{2} = l_{1}.cos(0, + l_{2}) cos(0, + l_{2}) = x_{ref} \\ y_{q}^{2} = l_{1}.sin(0, + l_{2}) sin(0, + l_{2}) = y_{ref} \end{cases}$$

$$\begin{bmatrix}
f_1 &= l, \cos q + l_2 \cos (q + q_1) - x + q_1 &= 0 \\
f_2 &= l, \sin q + l_2 \sin (q + q_1) - y + q_2 &= 0 \\
0 &= fsolve (Q fun, (q, q_2))$$



MATCAR to solve for on and on

Tracing a curve

$$0 \leq \phi \leq 21\overline{J}$$

parametric equation of a civile