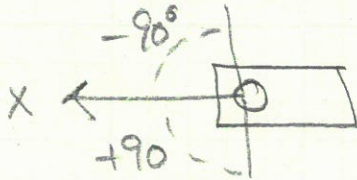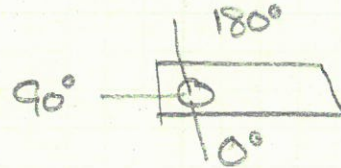## Servo Corrections

wrist joint, need to correct angles from DH to servo angles

DH angles

Servo angles

$$-90 \rightarrow 180$$
$$+90 \rightarrow 0$$

$$servo = K \times DH + B$$

$$180 = K(-90) + B$$
$$0 = K(+90) + B$$

Solve for K:

$$180 = K(-90) + B$$
$$\underline{0 = -K(+90) - B}$$
$$180 = -180K$$
$$K = -1$$

Solve for B:

$$180 = (-1)(-90) + B$$
$$90 = B$$

Angle conversion:

$$servo = -DH + 90$$