Theoretical rest angles:

Base = 0 -> SAFE RANGE: [-90,90] -> EXPANDED SAFE RANGE [-135, 135]

Shoulder = 90 -> SAFE RANGE: [0,180]

Elbow = -90 -> SAFE RANGE: [-180,0]

Wrist = 0 -> SAFE RANGE: [-90-45,90]

Actual rest angles:

Base = 225 -> SAFE RANGE: [135,315] -> EXPANDED SAFE RANGE [90, 360]

Shoulder = 180 -> SAFE RANGE: [90,270]

Elbow = 135 -> SAFE RANGE: [45,225]

Wrist = 180 -> SAFE RANGE: [90-45,270]

Theoretical:

Base = 0 = theta1

Shoulder = 0 =theta2

Elbow = 0 =theta3

Wrist = 0 =theta4

Actual:

Base = 225



Shoulder = 180 – 90 = 90

Elbow = 135 +90 = 225

Wrist = 180

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OFFSET FOR GOING FROM THEORETICAL VALUES TO PHYSICAL VALLUES:

BASE= +225

SHOULDER = +90

ELBOW =+225

WRIST = +180

A picture containing timeline

Description automatically generated

Chart, scatter chart

Description automatically generated

Chart

Description automatically generated

