# Bit more agressive z than 3.2

Q = [1 0 ; 0 10] (équivallent à diminuer R)

Diagram, engineering drawing

Description automatically generated

Chart

Description automatically generated

# More agressive weights on Z

Q = [1 0 ; 0 100]

Diagram, engineering drawing

Description automatically generatedChart, scatter chart

Description automatically generated

# Less weight on speeds x and y

Graphical user interface, diagram, engineering drawing

Description automatically generated

Chart

Description automatically generated

# More weight on the control input of X and y

Diagram, engineering drawing

Description automatically generated

Chart

Description automatically generated

# Soft constraints, low z but good accuracy

Chart

Description automatically generated

Text

Description automatically generatedZ

Text, letter

Description automatically generatedY X

Text

Description automatically generatedroll

# Soft constraints super heavy z

Graphical user interface, diagram, engineering drawing

Description automatically generatedText, letter

Description automatically generatedz

Text, letter

Description automatically generatedxy

Text, letter

Description automatically generatedroll

# Low S = 1

# Graphical user interface, diagram, engineering drawing Description automatically generatedHigh S = 100

Diagram, engineering drawing

Description automatically generated