Izaac Facundo

Imf339

HW#8

PROBLEM 1

Diagram

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

Chart

Description automatically generated

Problem 2

Graphs first, then code

Angular Velocity in body frame v. time

Chart, histogram

Description automatically generated

Inertial to body Quaternion

Chart, histogram

Description automatically generated

Angular velocities of the wheels (wheel 1 yellow, etc.)

Chart, histogram

Description automatically generated

CODE

Diagram, box and whisker chart

Description automatically generated

Diagram

Description automatically generated

Diagram

Description automatically generated

Graphical user interface, text

Description automatically generated

Graphical user interface, text

Description automatically generated

Graphical user interface, text

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Text, letter

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Diagram, schematic

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Diagram

Description automatically generated

Graphical user interface, text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

Diagram

Description automatically generated

Text

Description automatically generated

Graphical user interface, text

Description automatically generated

Text

Description automatically generated with medium confidence

Text

Description automatically generated

Graphical user interface, text

Description automatically generated

Diagram

Description automatically generated