# Meeting

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# Progress report

- Find airplane model from PX4.
- Test the model in Gazebo.
    - Apply a 30 kN Force on the airplane at the third second.
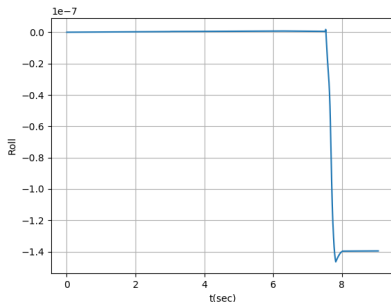    - The initial state was fixed at the original point.
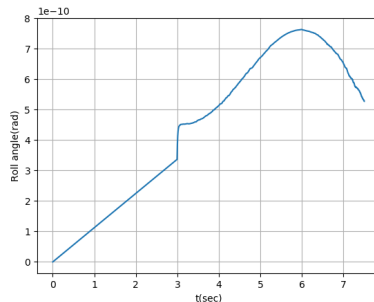
# Test response



Figure 1: Time response of Rolling angle



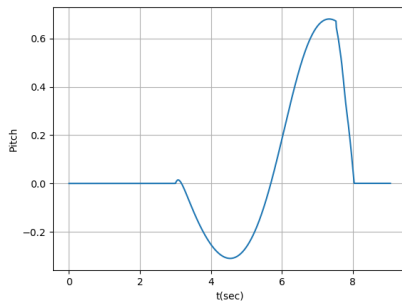Figure 2: Time response of Roll angle until 7.5 second

# Test response



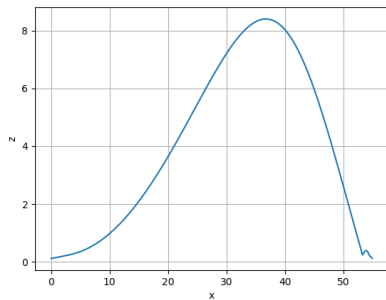Figure 3: Time response of Pitching angle
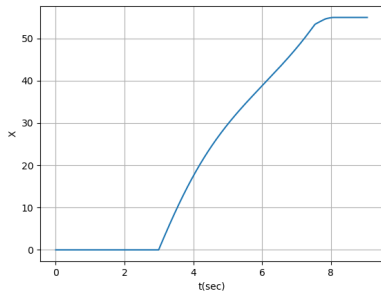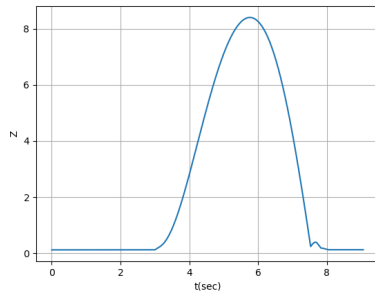
Figure 4: Trajectory on X-Z plane

# Test response



Figure 5: Time response of x direction



Figure 6: Time response of z direction