Simulation 1

1.

Chart

Description automatically generatedChart, waterfall chart

Description automatically generatedChart, line chart

Description automatically generatedChart

Description automatically generatedChart

Description automatically generatedChart

Description automatically generated

Timeline

Description automatically generated

2.

A picture containing chart

Description automatically generatedChart

Description automatically generatedA picture containing chart

Description automatically generatedChart, histogram

Description automatically generatedChart

Description automatically generatedChart, bar chart

Description automatically generatedA picture containing text, measuring stick

Description automatically generated

//set to higher frequency 4000

3.

A picture containing chart

Description automatically generatedChart

Description automatically generatedA picture containing chart

Description automatically generatedChart

Description automatically generatedChart, bar chart

Description automatically generatedChart, histogram

Description automatically generatedChart, histogram

Description automatically generated

Set to 4000

4.

Chart, line chart

Description automatically generatedChart, histogram

Description automatically generatedA picture containing diagram

Description automatically generatedChart, bar chart, histogram, waterfall chart

Description automatically generatedChart, bar chart, histogram

Description automatically generatedChart, line chart

Description automatically generatedChart, histogram

Description automatically generated

Set to around 4000 frequency

Simulation 2

300 rpm reference speed

Frequency = 10.8711

RMS value = 58.6653

Graphical user interface, application

Description automatically generatedChart

Description automatically generatedChart, line chart

Description automatically generatedChart

Description automatically generatedChart, box and whisker chart

Description automatically generated

900 rpm reference speed

Frequency = 31.9623

RMS value = 154.1192

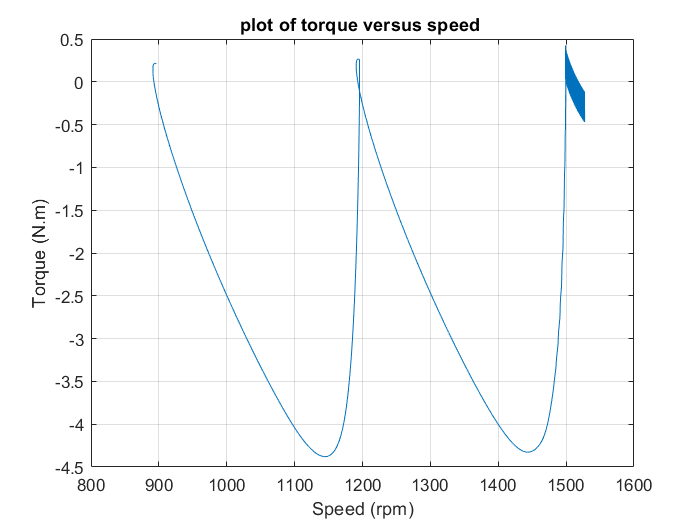
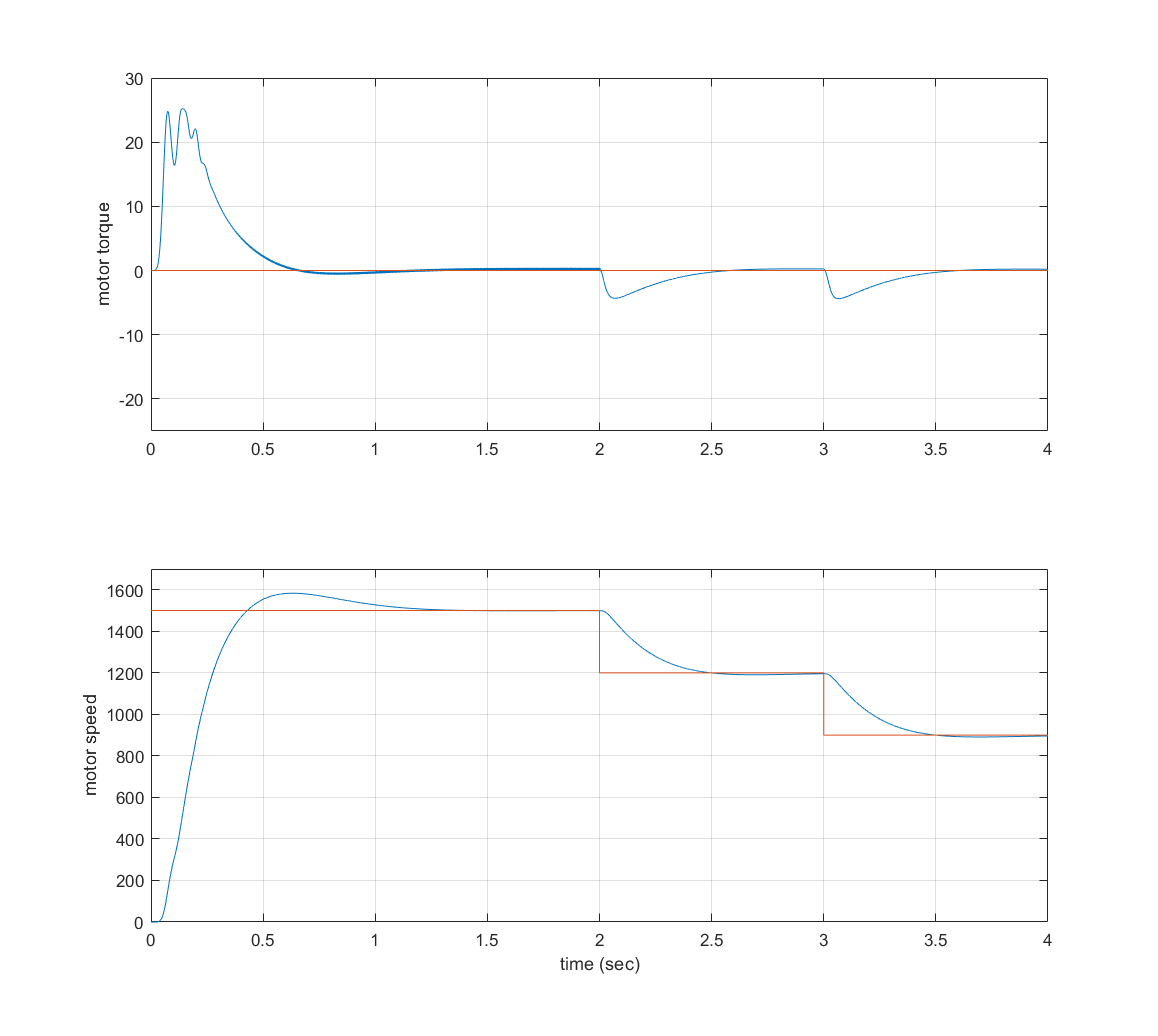
1200 rpm reference speed

Frequency = 53.7466

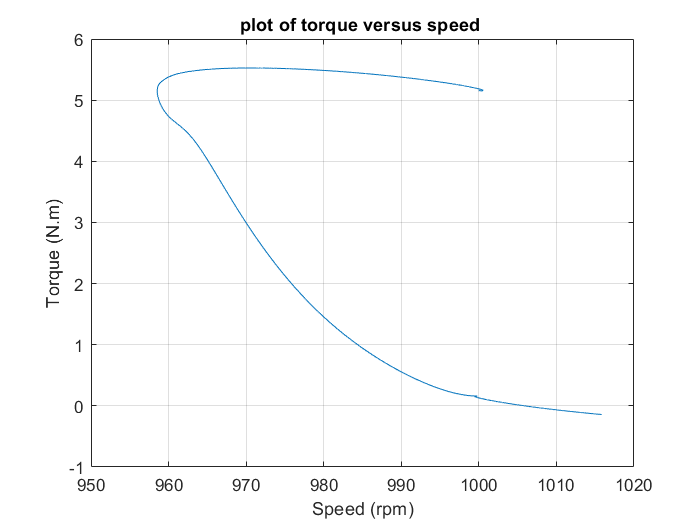
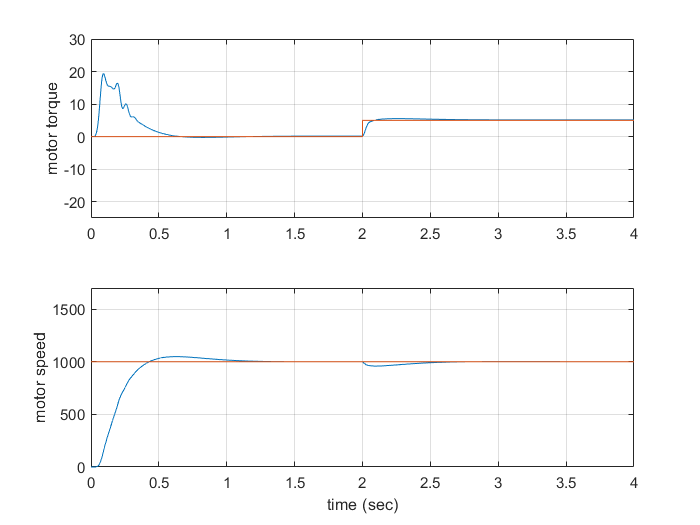
RMS value = 230.0347

Add more points 150-15000

2.



3.



Experiment

-0.1N: 1270