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Emech HW4

Chart, sunburst chart

Description automatically generated*A.1 Flux lines and Flux Density Distributions*

Chart, histogram

Description automatically generated*A.2 Radial Component of Flux density on the circular line, t = 0*

Chart

Description automatically generated with medium confidence*A.3 Voltage Induced in Stator Windings*

The frequency of the wave is about 0.15Hz

*B.1 Torque for phee = 0*

Chart, line chart

Description automatically generatedAmplitude = 7.99 Nm, Frequency = 0.015Hz

Chart, line chart

Description automatically generated*B.2 Torque for phee = pi/2*

Amplitude = 7.99Nm, Frequency = 0.015Hz

*C. Phee = 0*

Chart

Description automatically generatedAverage torque = -7.3805 Nm

Shape

Description automatically generated with low confidence*C. Phee = pi/2*

Average torque = 14.554 Nm