**Week 4 – Induced Voltage**

Cihan Aydar

**Diametrical Magnetization**

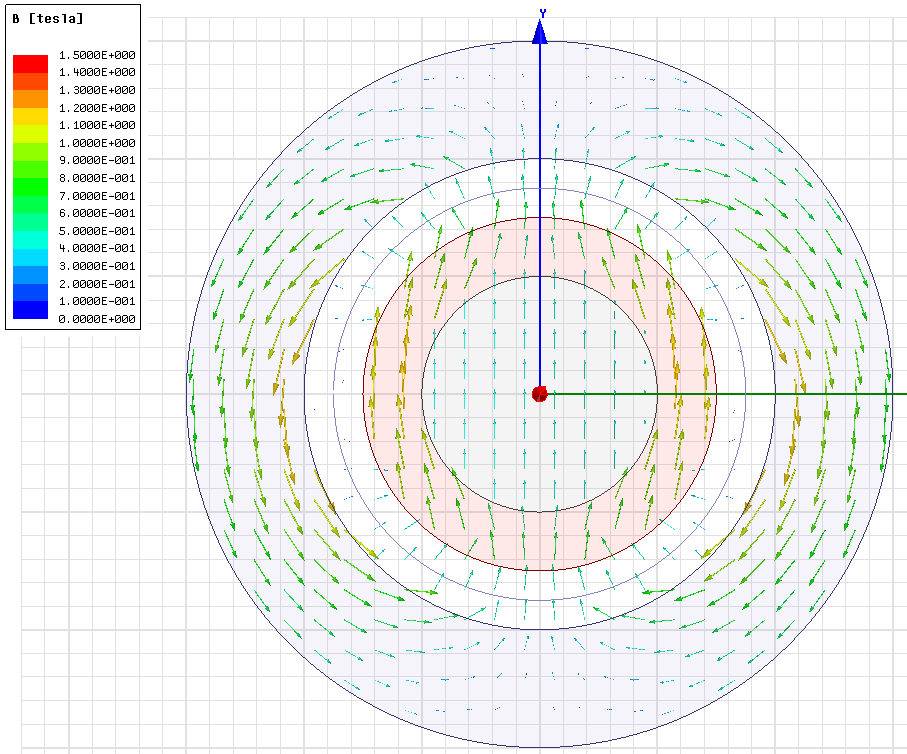


Figure 1 Magnetic Flux Vectors

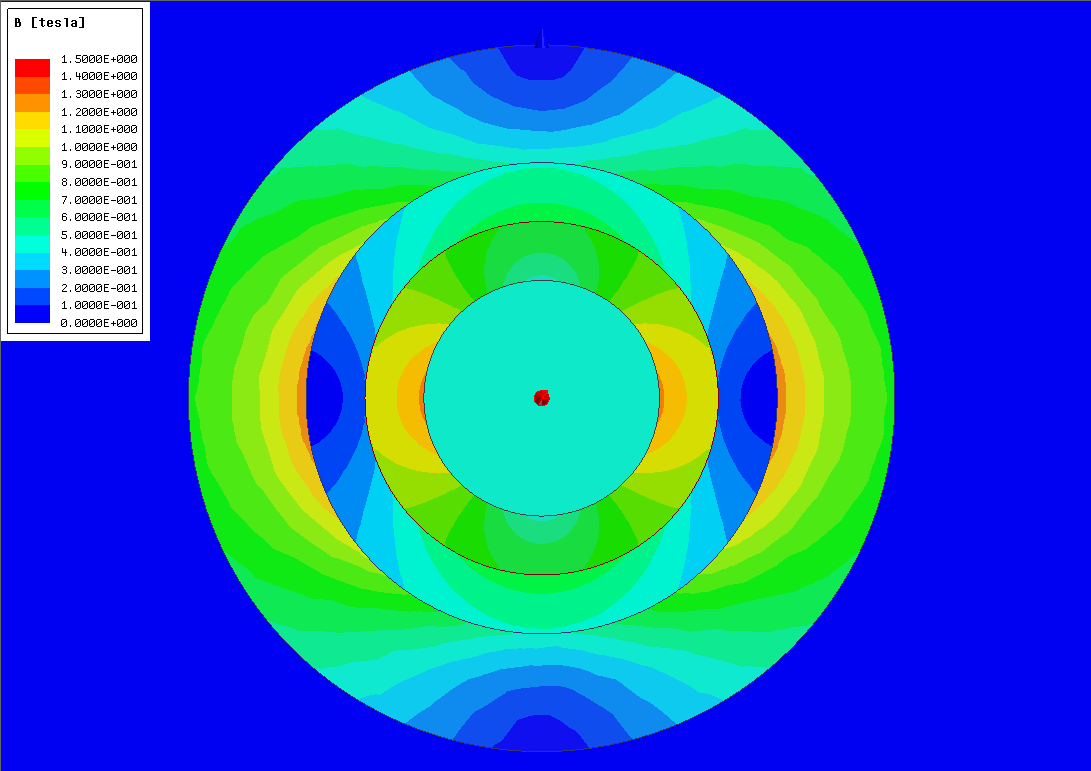


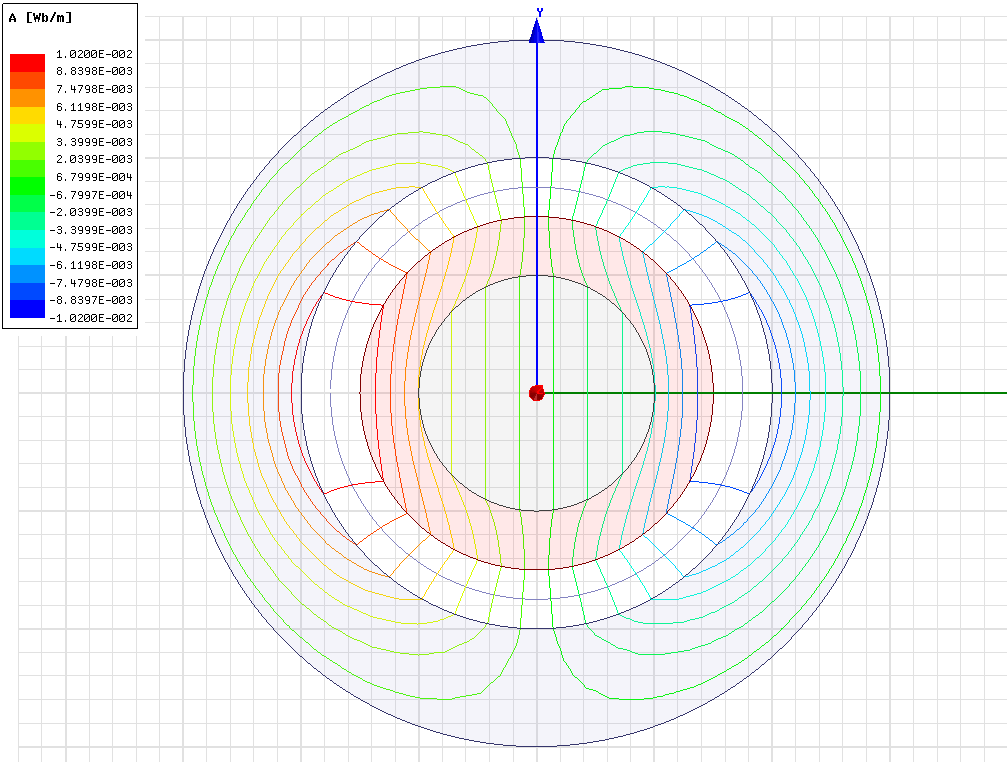
Figure 2 Magnetic Flux Magnitude

Figure 3 Magnetic Flux Lines

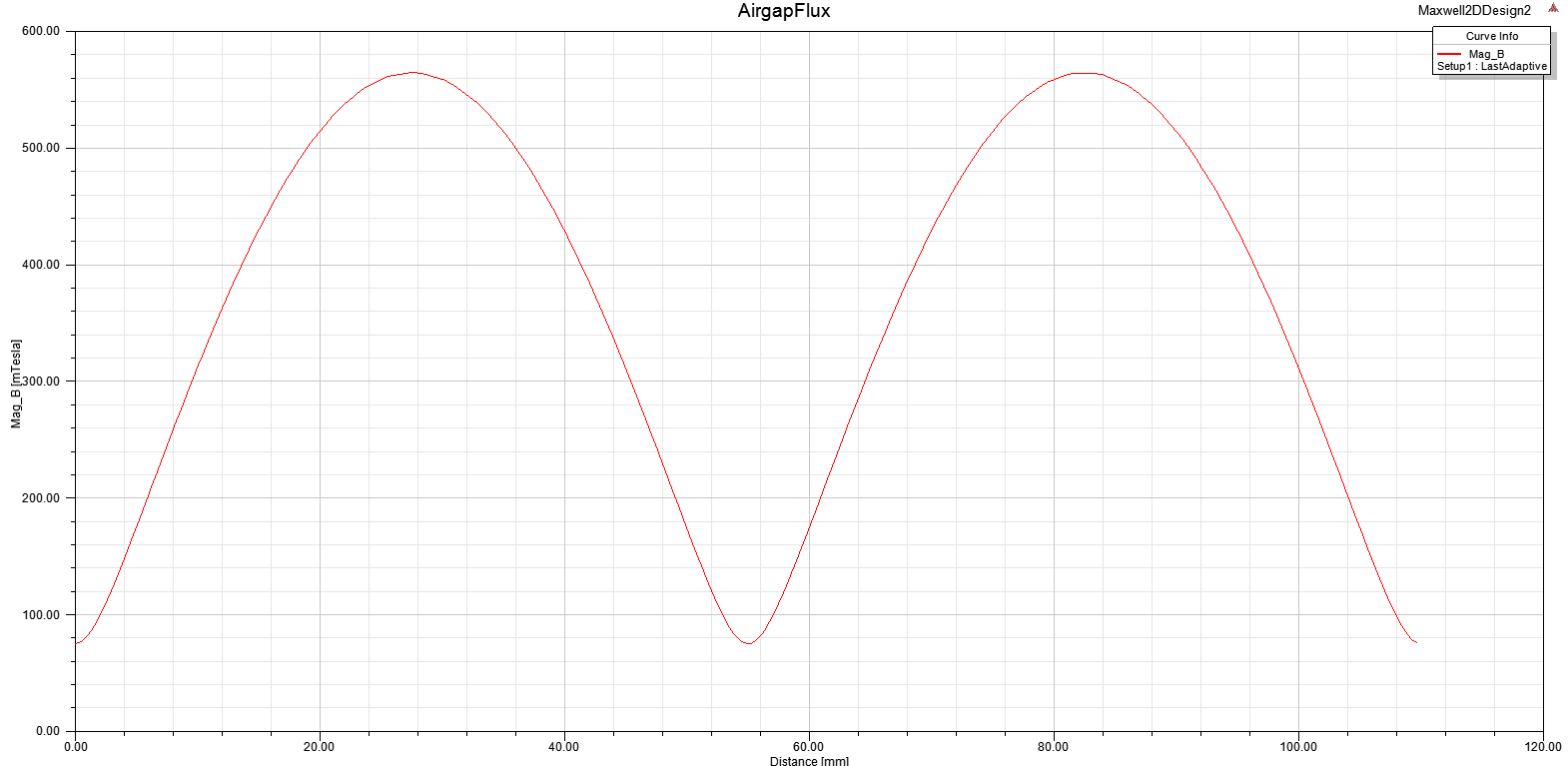


Figure 4 Air Gap Flux Distribution

**Radially Oriented Magnetization**

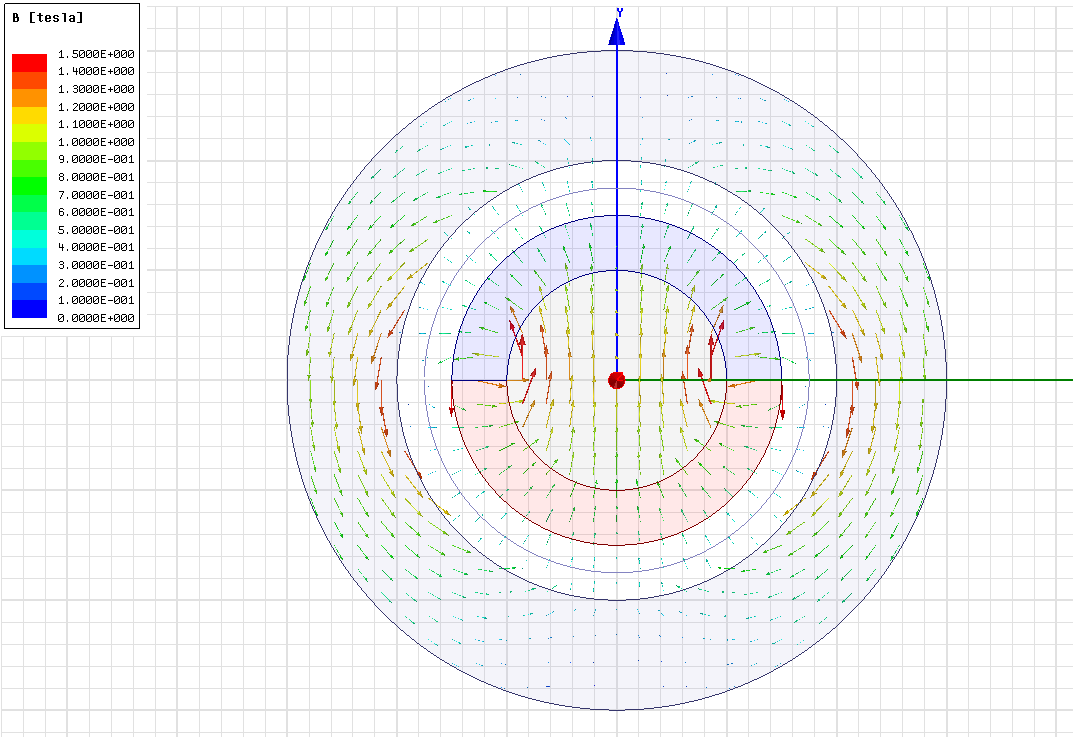
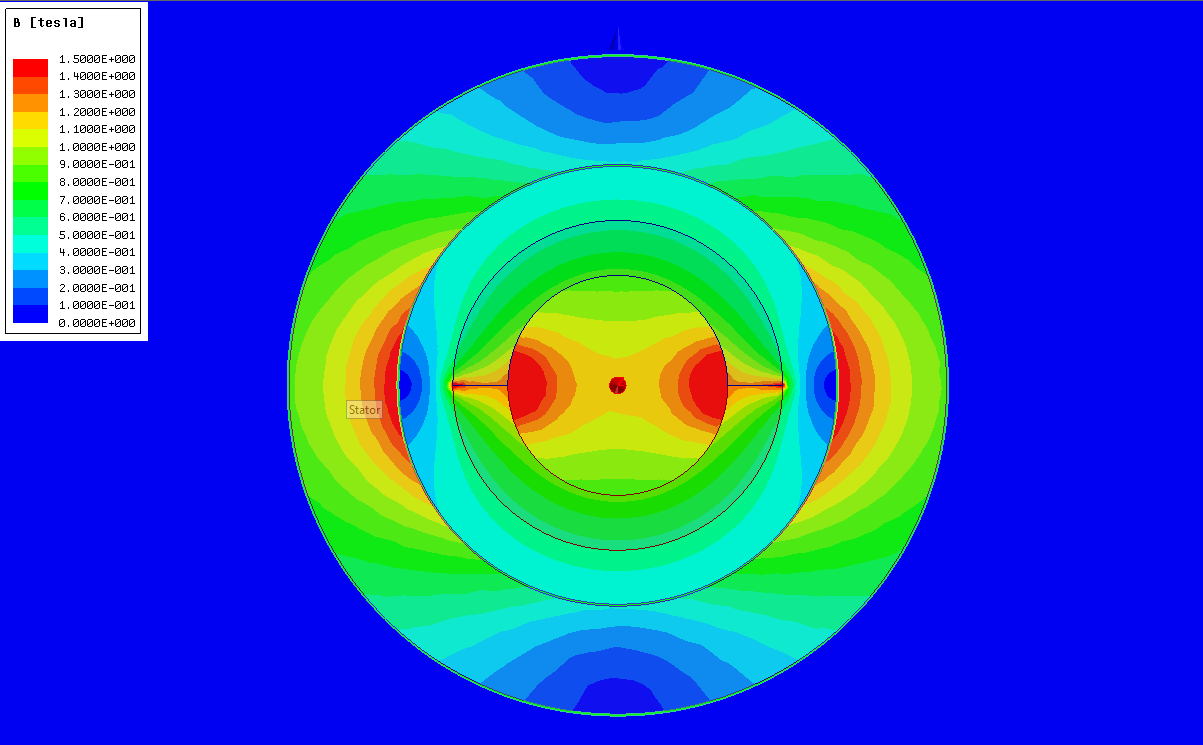


Figure 5 Magnetic Flux Vectors

*Figure 6 Magnetic Flux Magnitude*

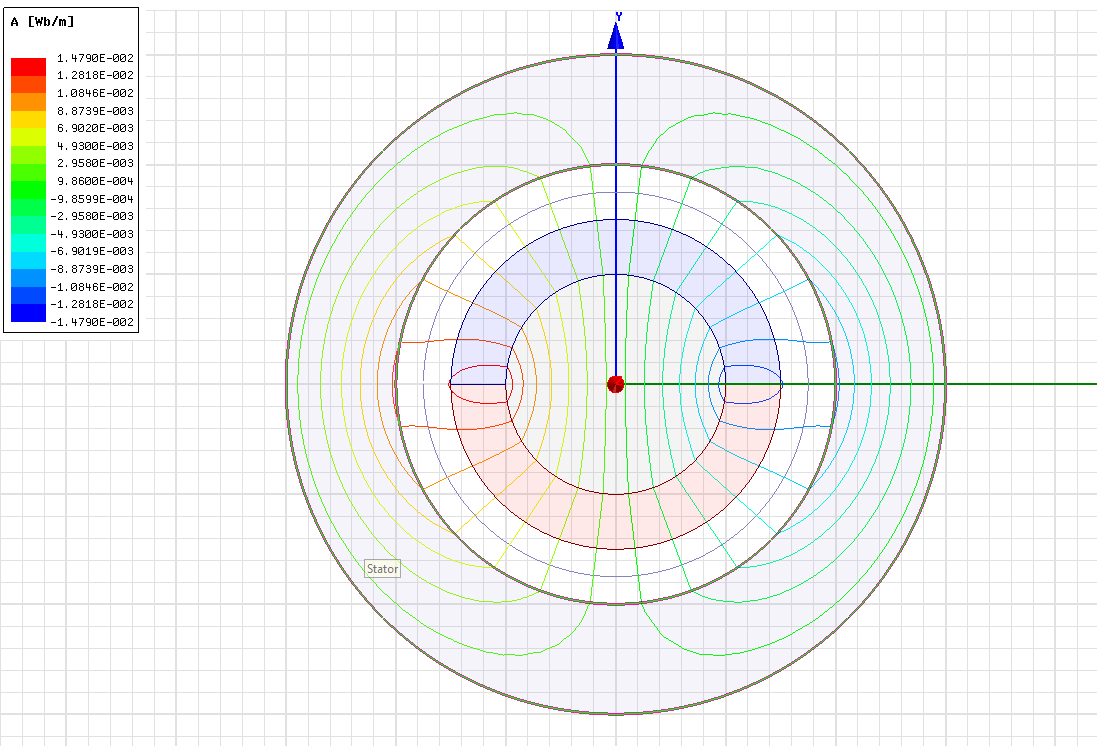


Figure 7 Magnetic Flux Lines

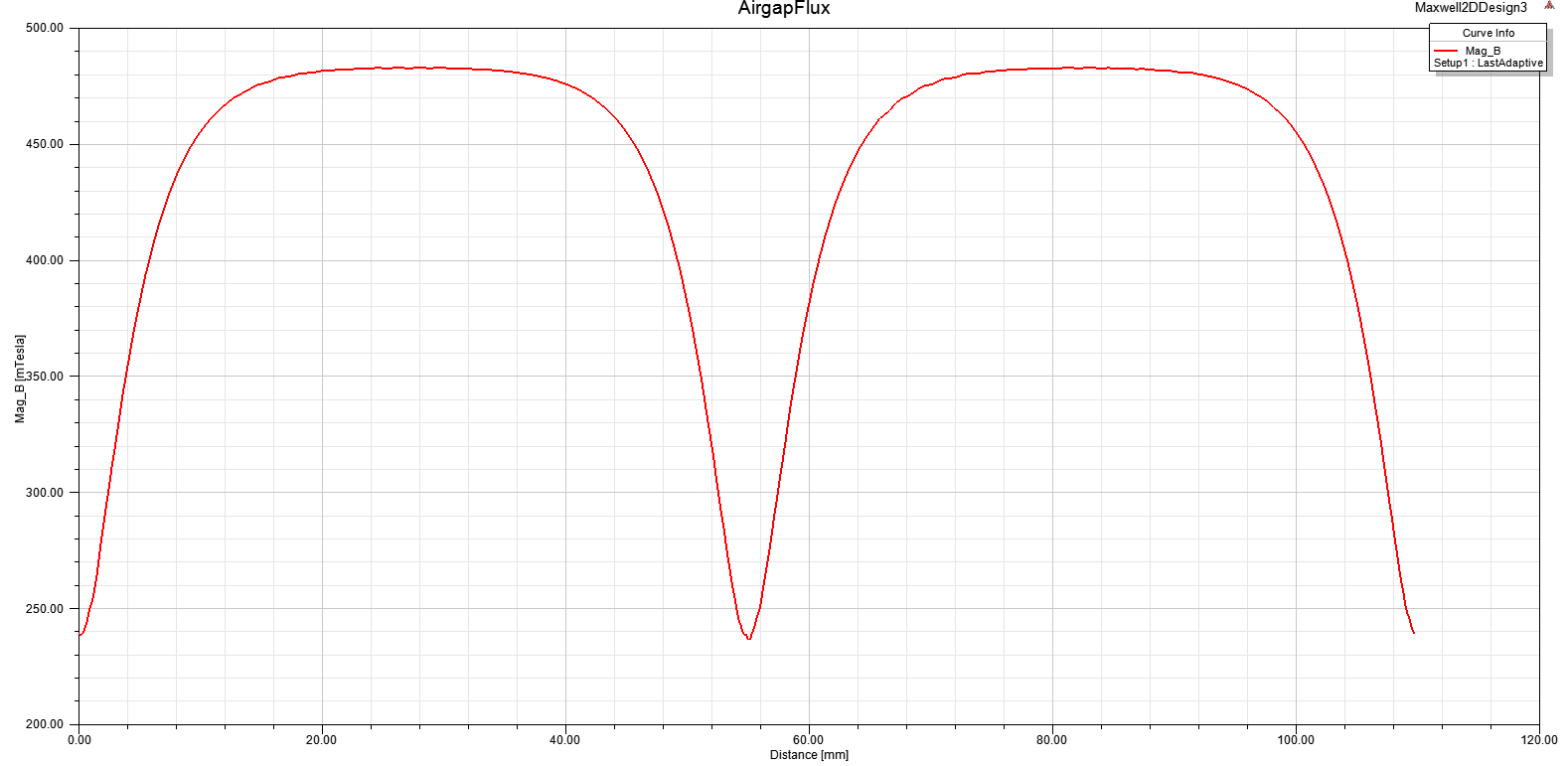


Figure 8 Air Gap Flux Distribution

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