# WEEK 4- ASSIGNMENT

Diametrical Magnetization:

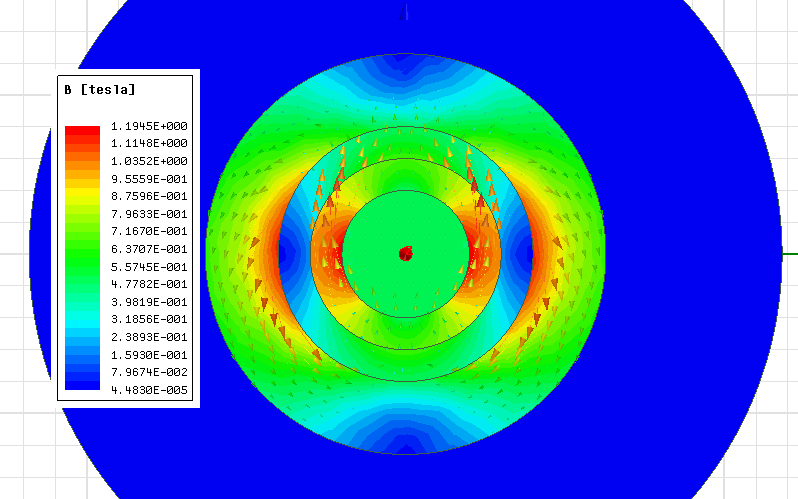


Figure 1-Flux density magnitude and vector

Stator and Rotor are iron.

Magnet is NdFe30.

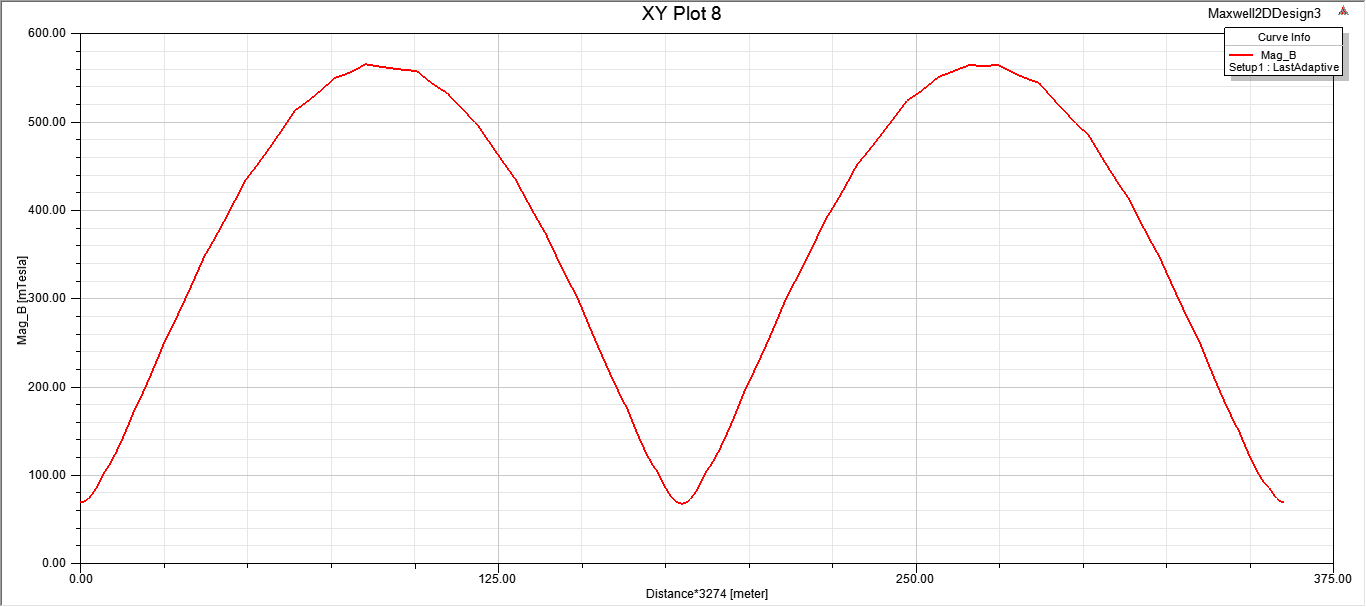


Figure 2-Angle vs B\_mag

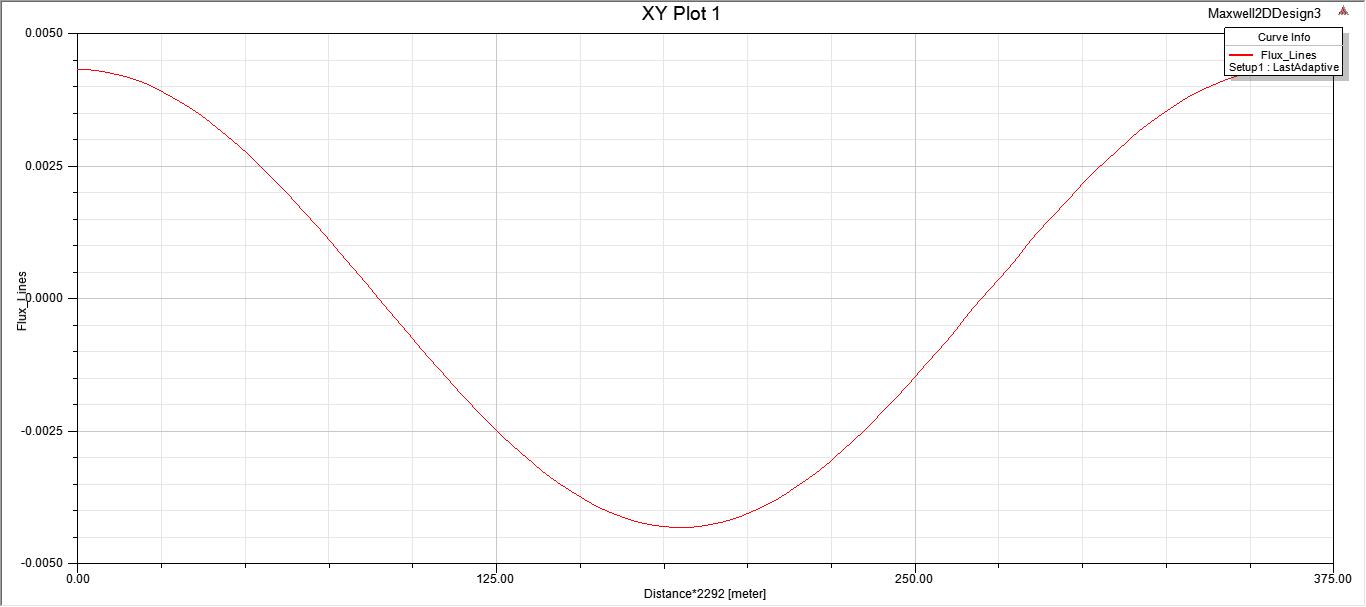


Figure 3 -Angle vs Flux linkage

Radial PM

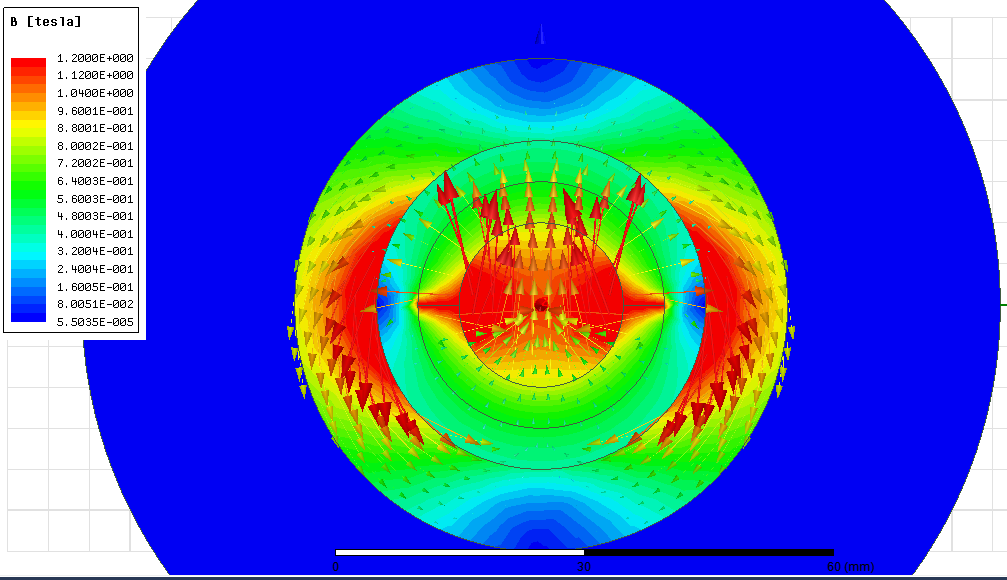


Figure 4- Flux density magnitude and vector

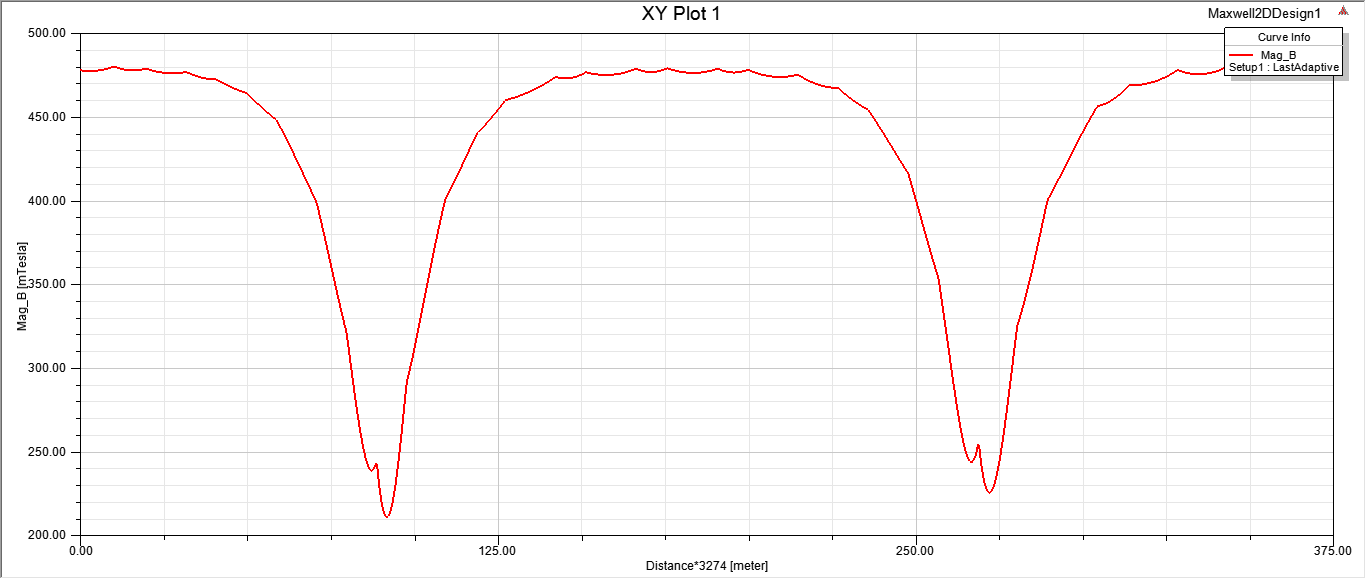


Figure 5- Angle vs B\_mag

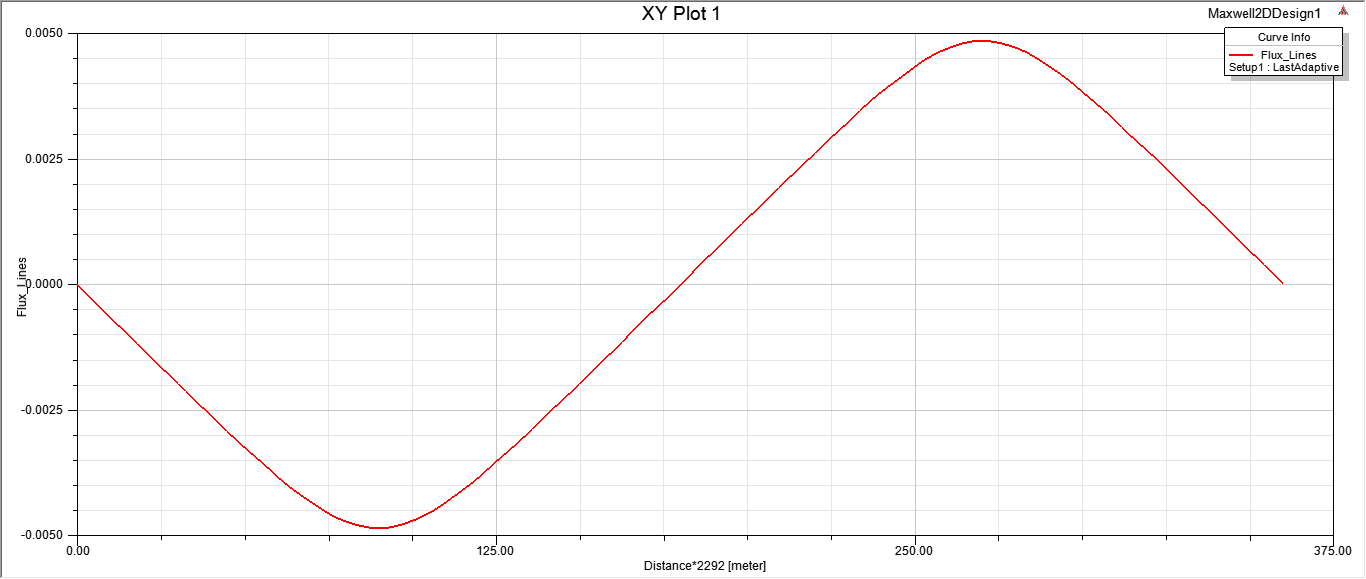


Figure 6-Angle vs Flux lines