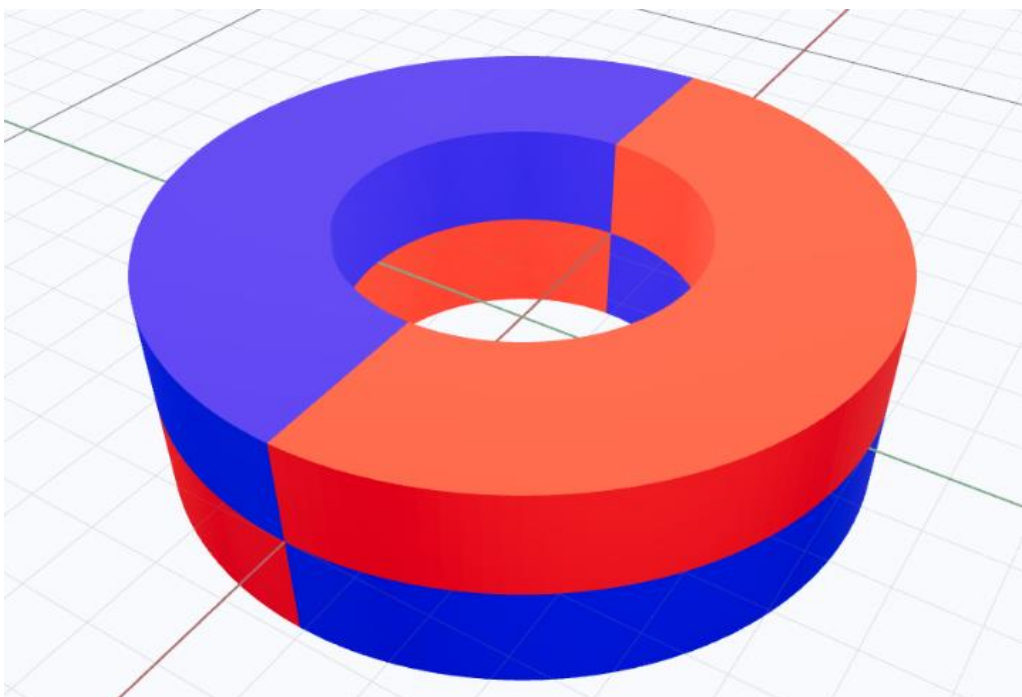


Ring magnets

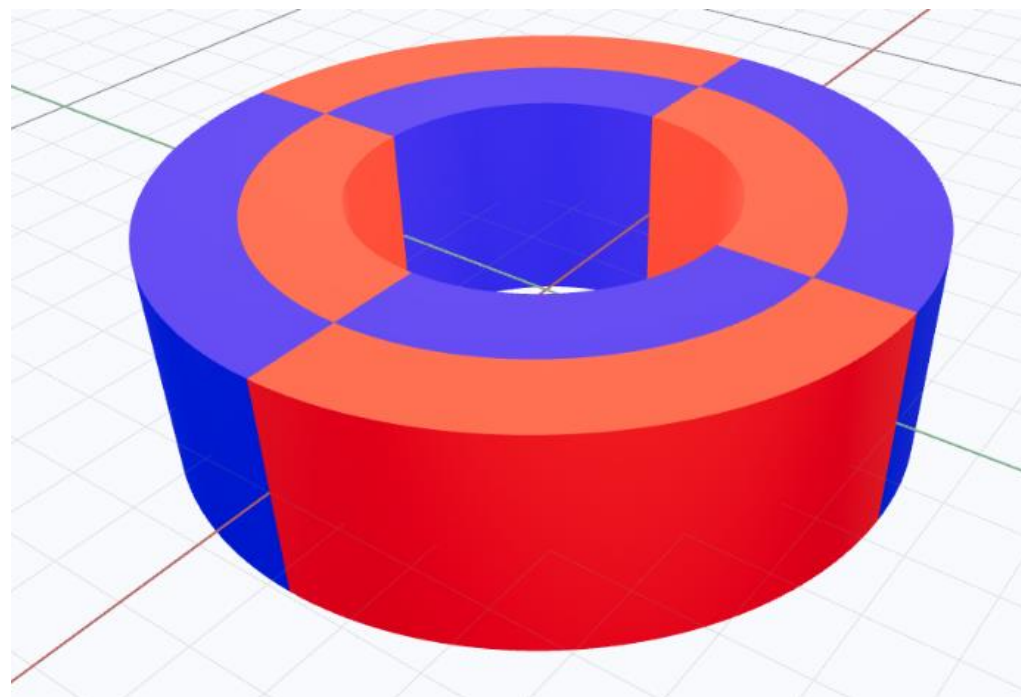
TI Precision Labs – TI Magnetic Sense Simulator (TIMSS)

Presented and prepared by Isaac Lara

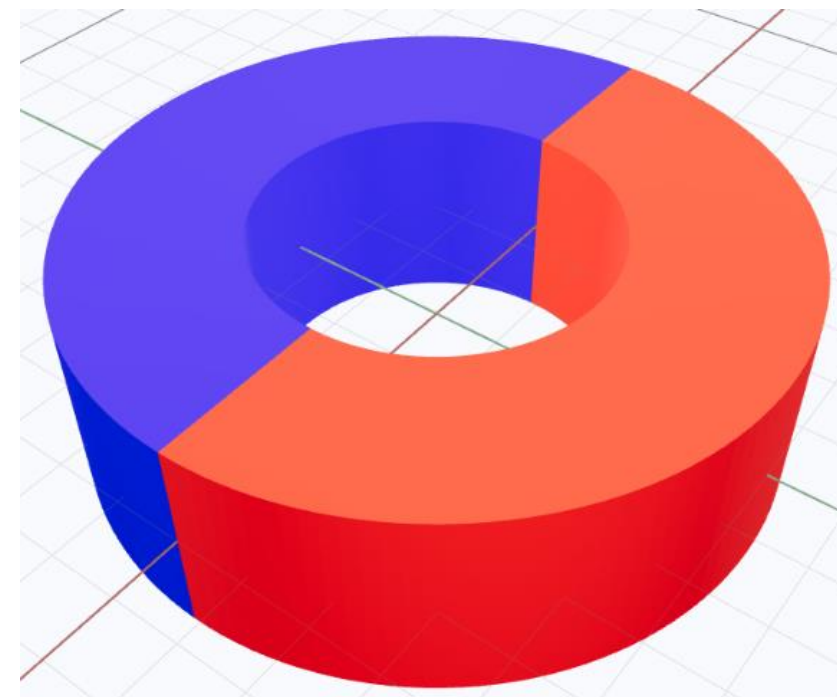
Types of ring magnets



Axial ring



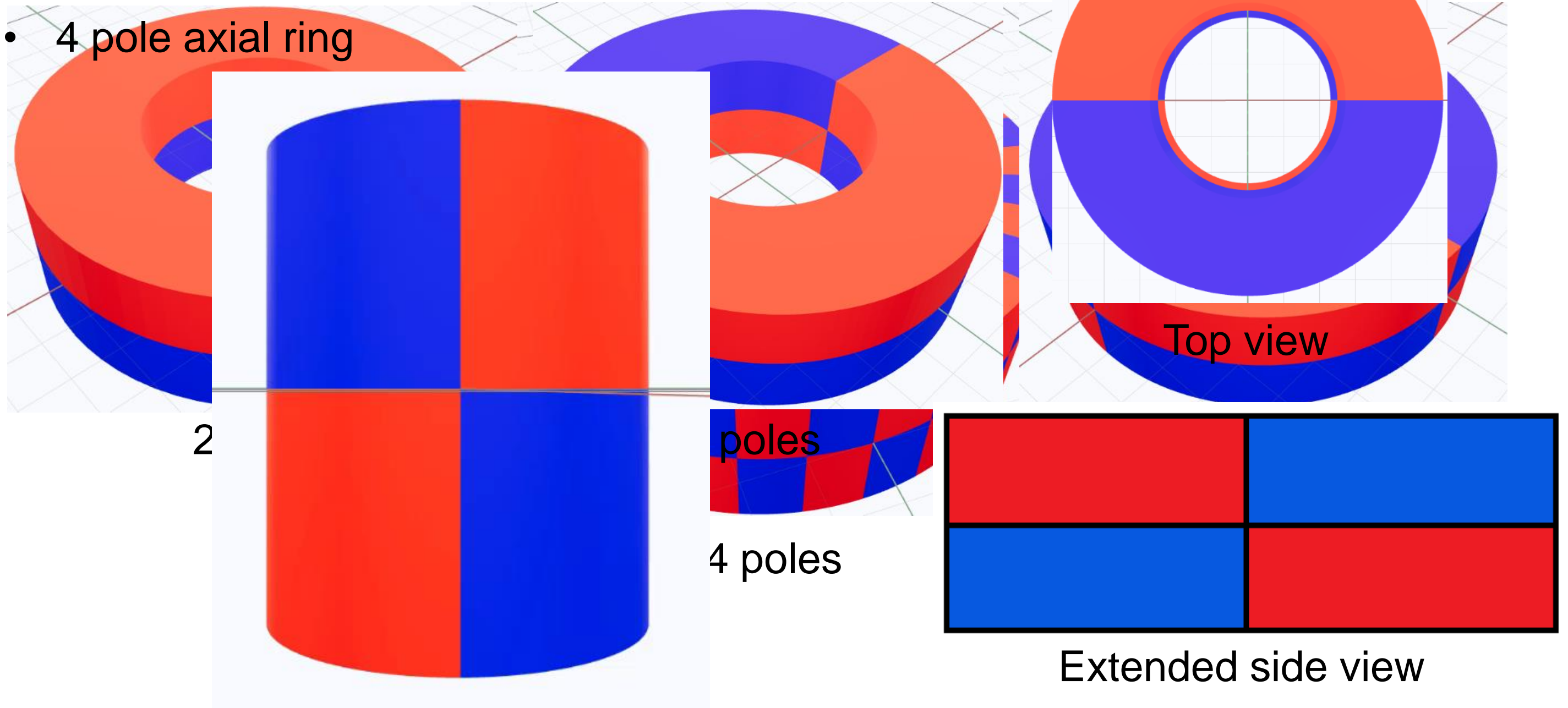
Radial ring



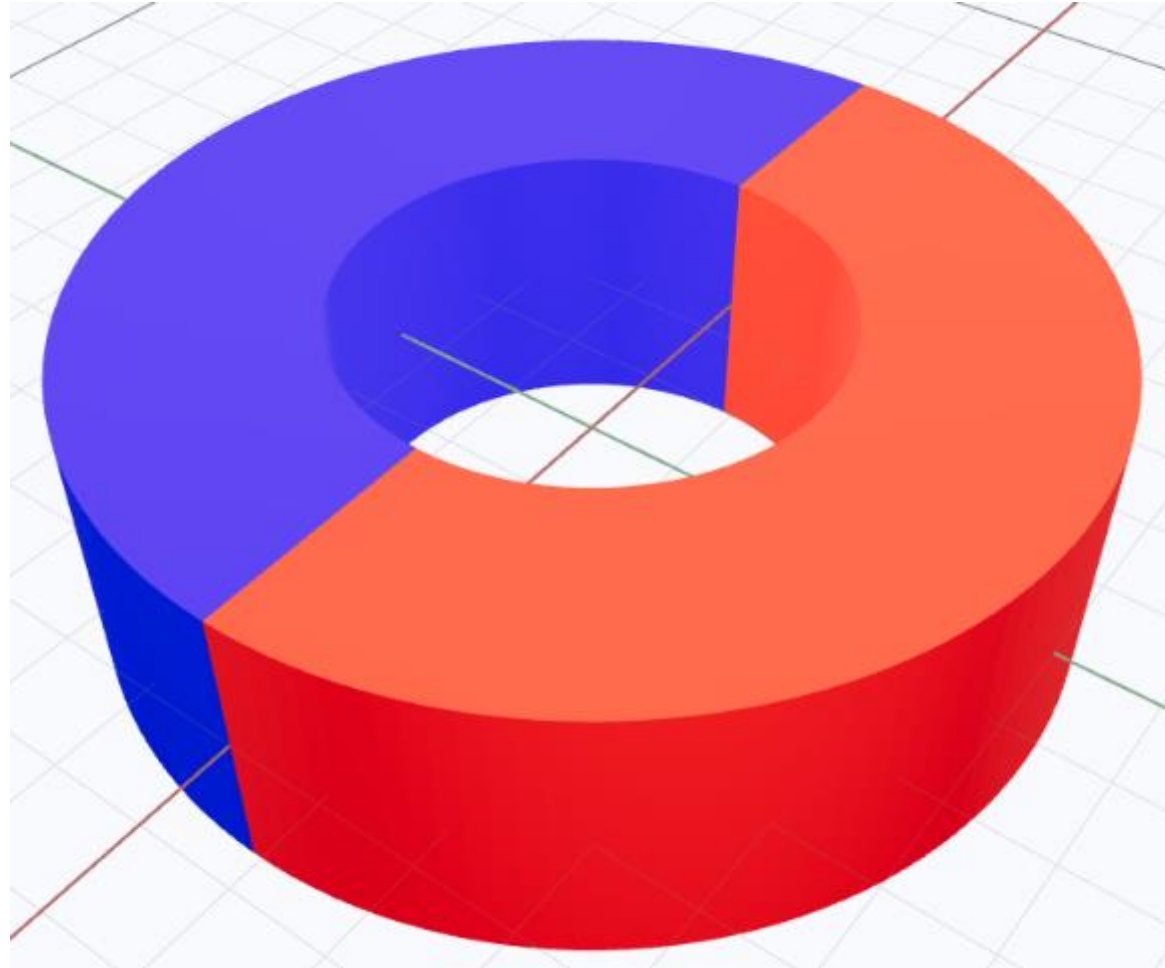
Diametric ring

Axial ring

- 4 pole axial ring



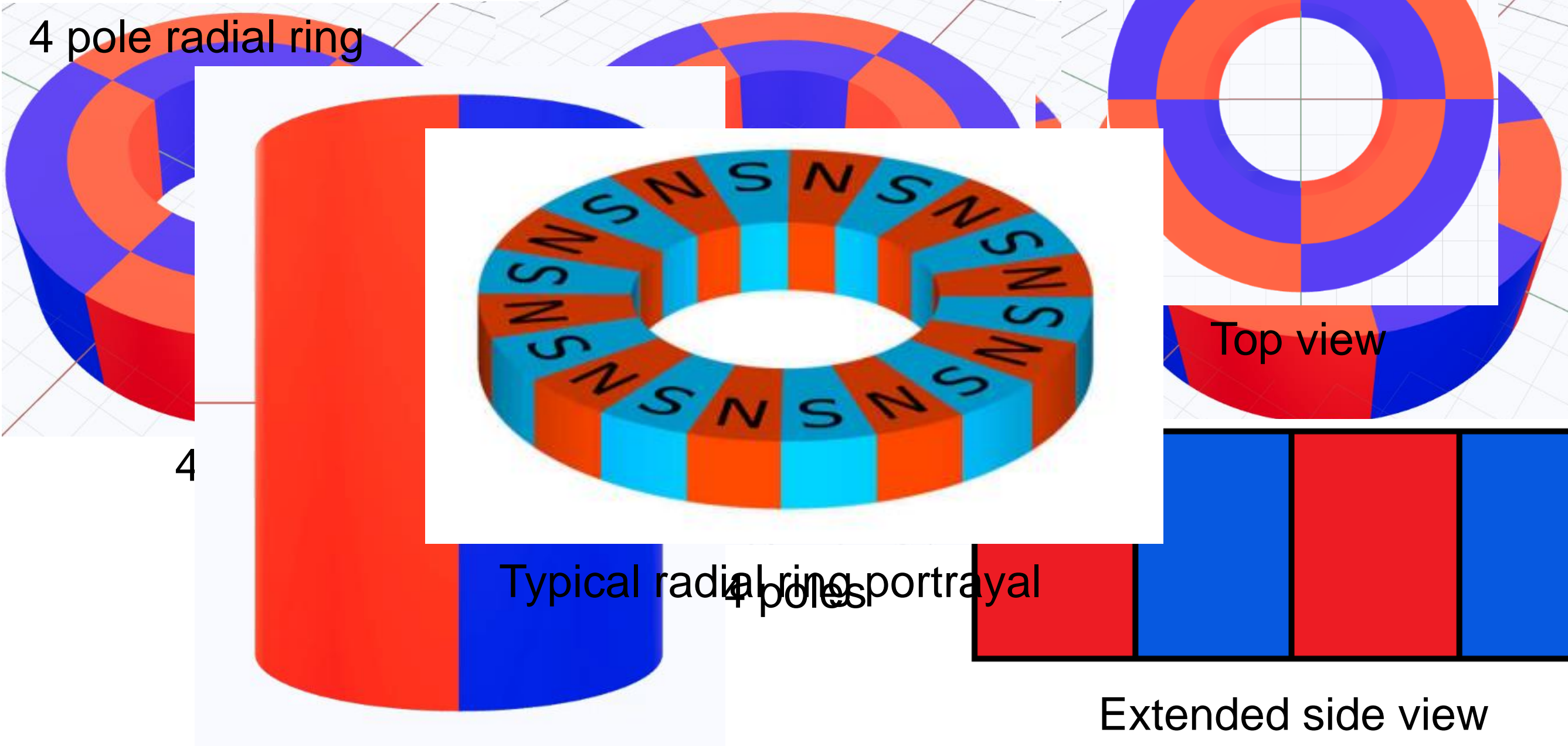
Diametric ring



2 poles

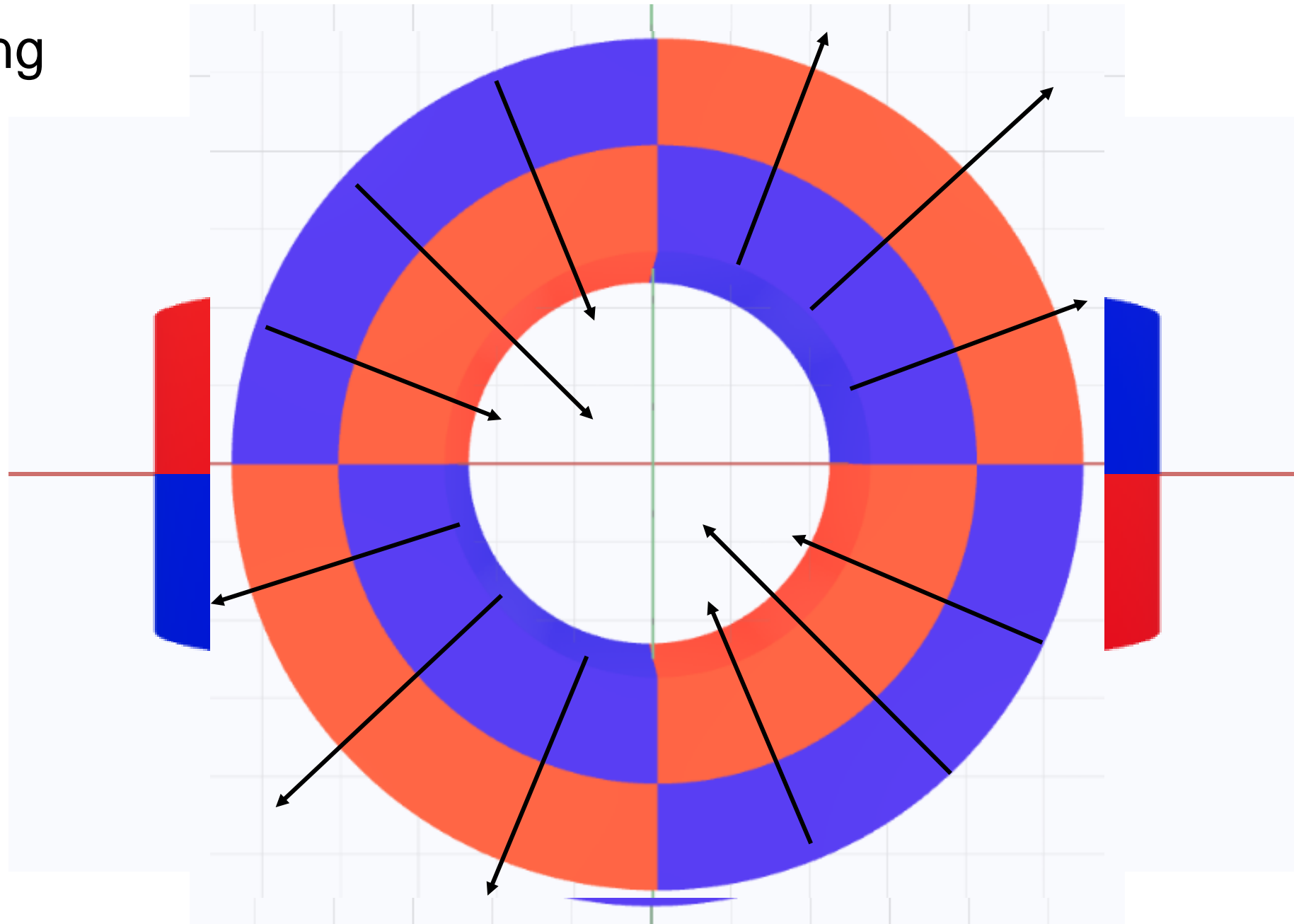
Radial ring

- 4 pole radial ring



Magnetization of ring magnets

- **Radial magnetizing**



Learn more

- TI Magnetic Sense Simulator Product Folder
<https://www.ti.com/TIMSS>
- TI Magnetic Sense Simulator User's Guide
<https://www.ti.com/lit/ug/slyu067/slyu067.pdf>
- TI Magnetic Sense Simulator App Brief
<https://www.ti.com/lit/ab/slya083/slya083.pdf>
- Position Sensing Demo Video Series
<https://www.ti.com/video/series/position-sensing-demos.html>
- TI Precision Labs: Magnetic Sensor Training Videos
<https://www.ti.com/video/series/precision-labs/ti-precision-labs-magnetic-sensors.html>
- Sensors E2E Forum
<https://e2e.ti.com/support/sensors-group/sensors/f/sensors-forum>
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