Force and Torque between Two Magnets with Angle 0°, 45°, 90° and 180°
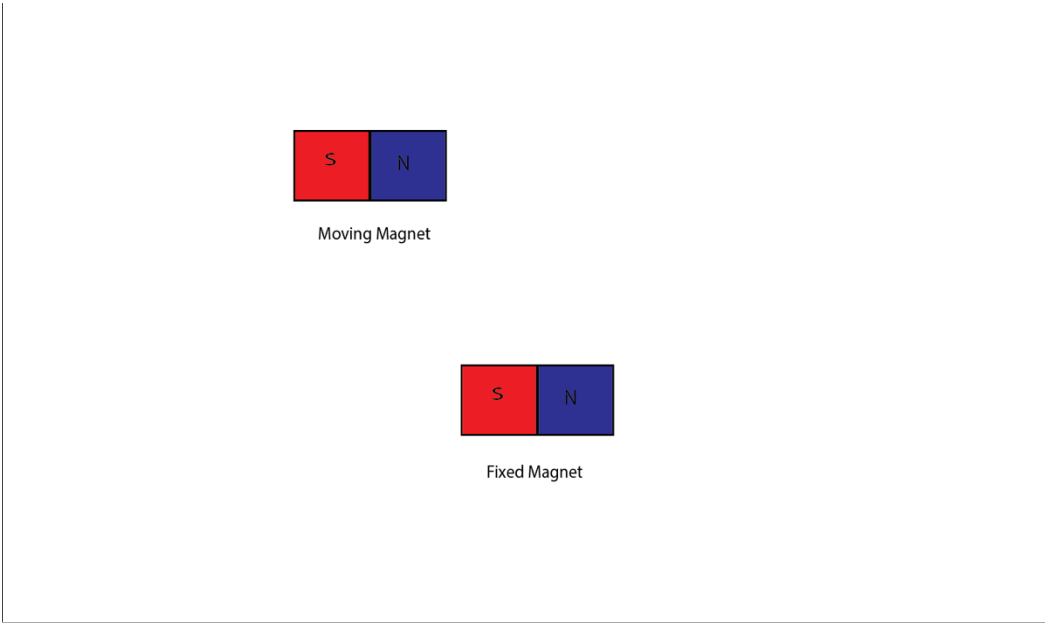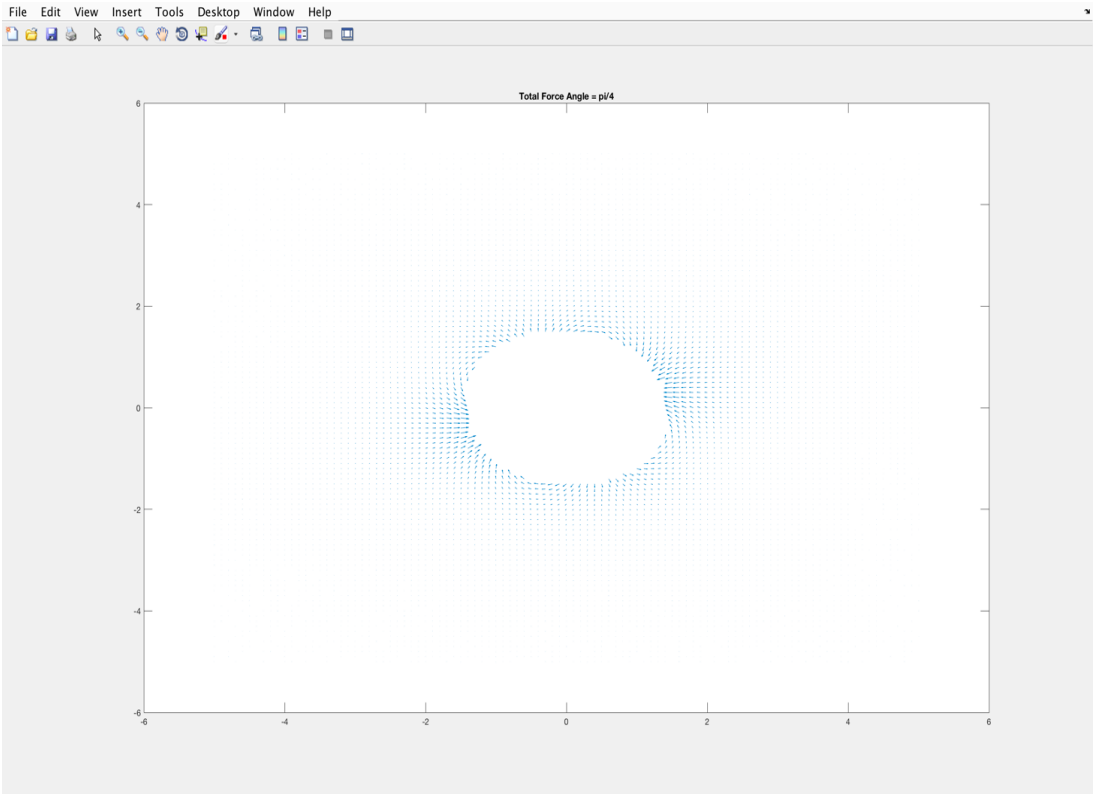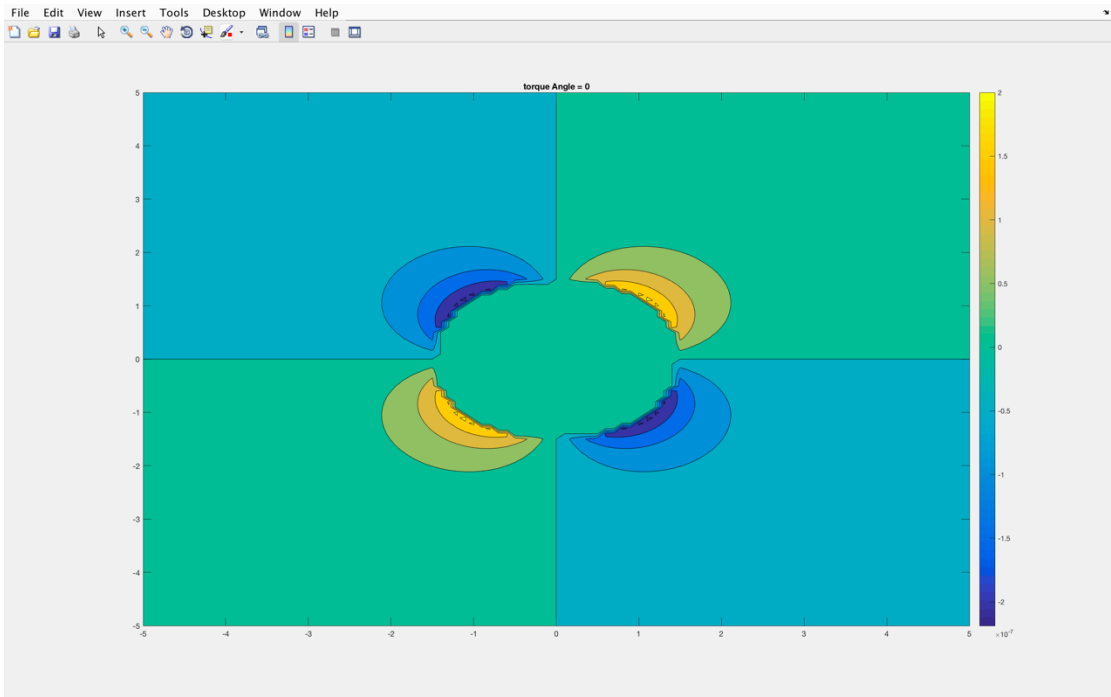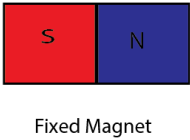
θ = 0：

Layout Schematic:

Vector Map for Total Force:

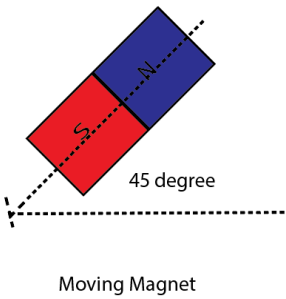Force and Torque between Two Magnets with Angle 0°, 45°, 90° and 180°

Heat Map for Torque:

θ = 45：

Layout Schematic:
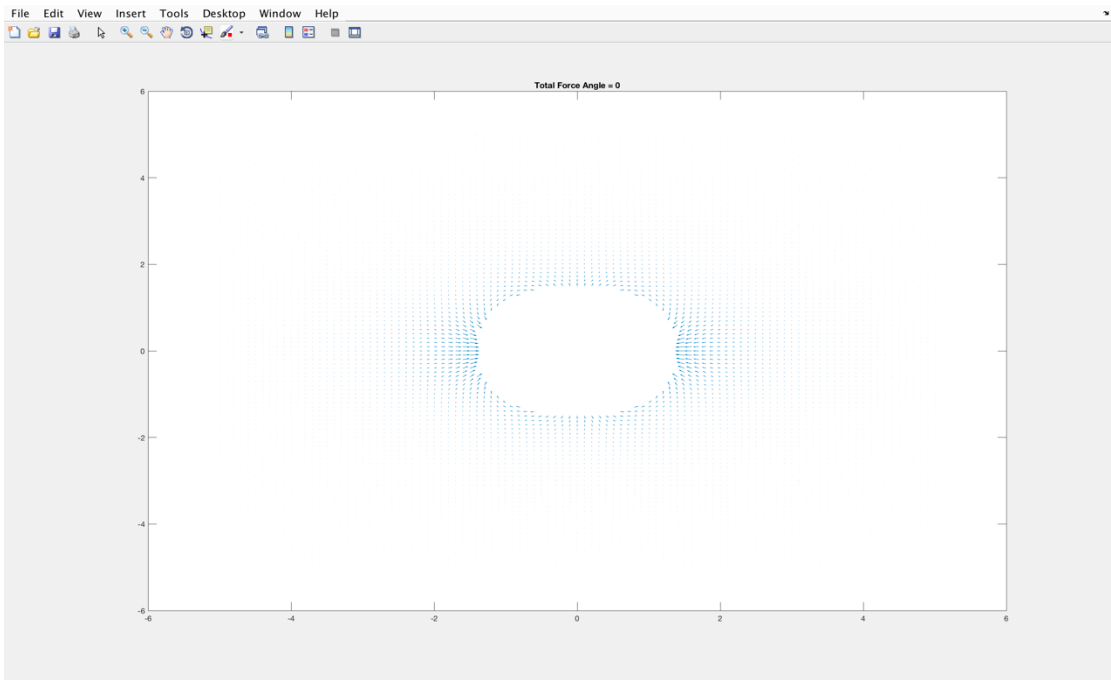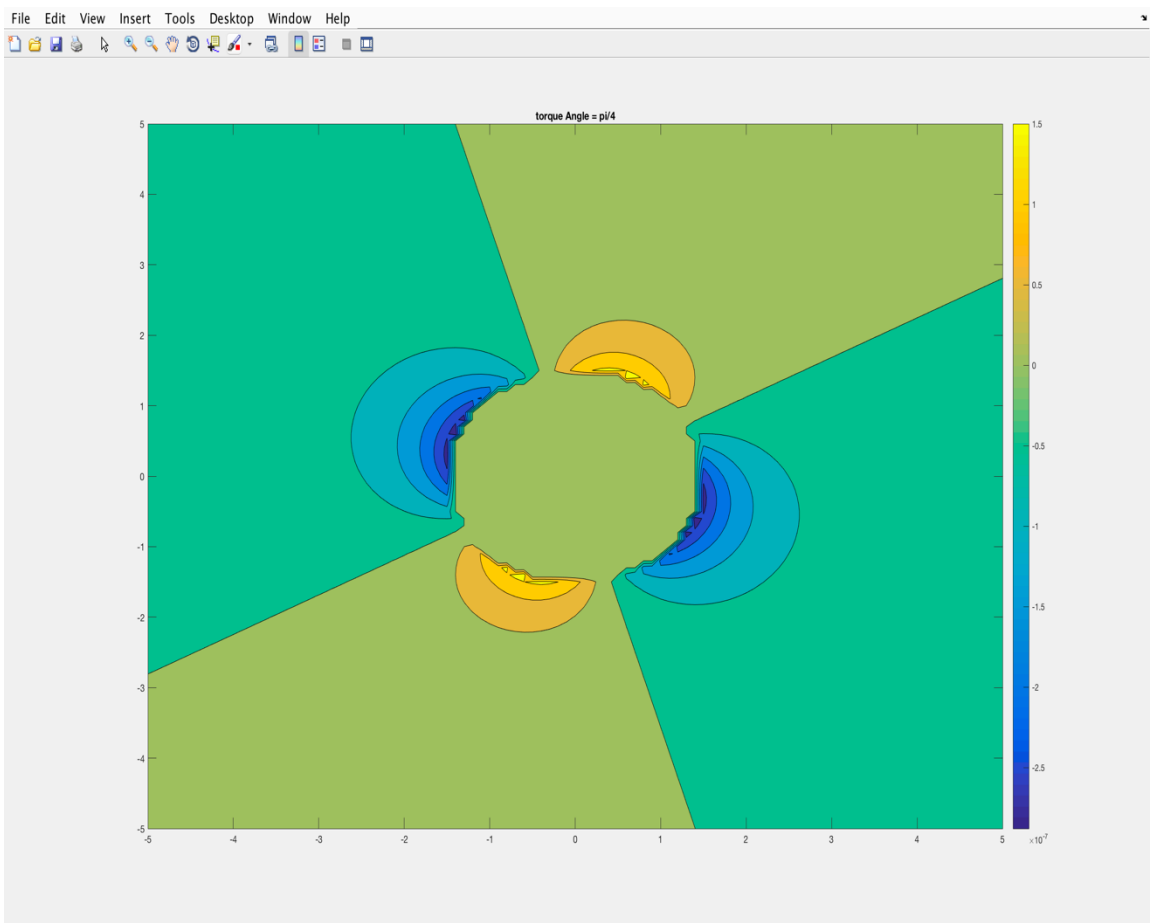

45 degree

Moving Magnet

Fixed Magnet

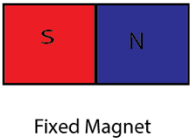Force and Torque between Two Magnets with Angle 0° , 45° , 90° and 180°

Vector Map for Total Force:

Heat Map for Torque:

Force and Torque between Two Magnets with Angle 0°, 45°, 90° and 180°

θ = 90：

Layout Schematic:

N

S

90 degree

Moving Magnet

S   N

Fixed Magnet

Vector Map for Total Force:

File   Edit   View   Insert   Tools   Desktop   Window   Help

Total Force Angle = pi/2

Force and Torque between Two Magnets with Angle 0°, 45°, 90° and 180°

Heat Map for Torque:

θ = 180：

Layout Schematic:

Force and Torque between Two Magnets with Angle 0°, 45°, 90° and 180°
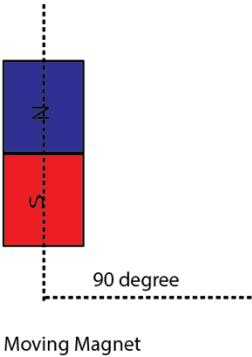
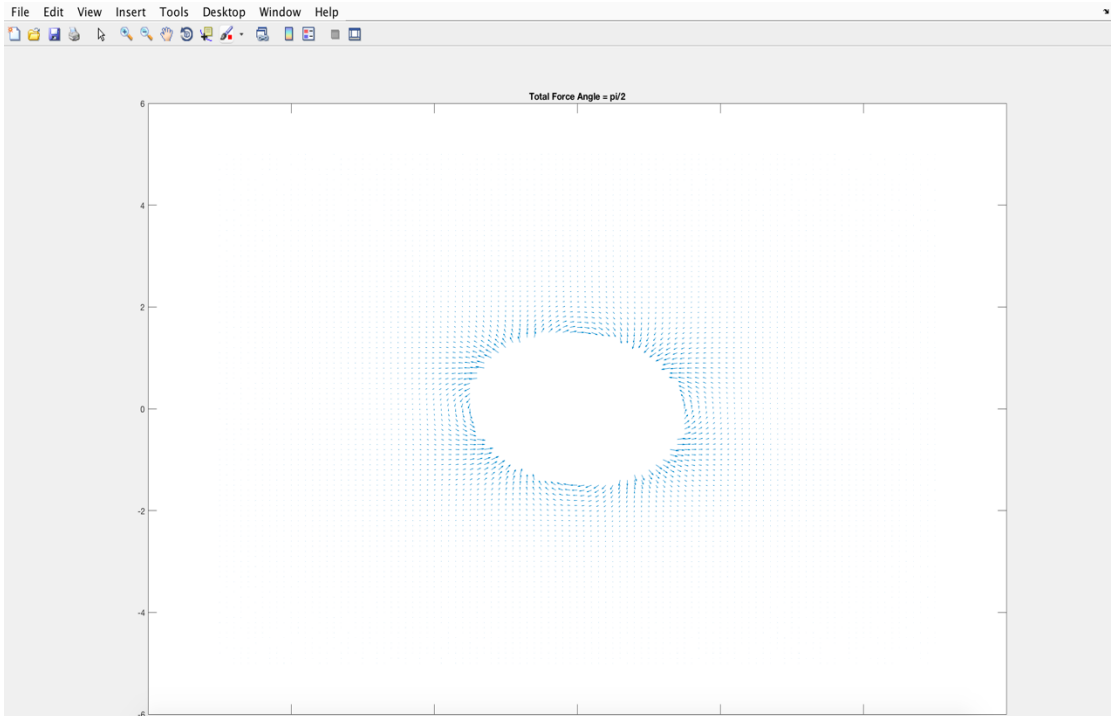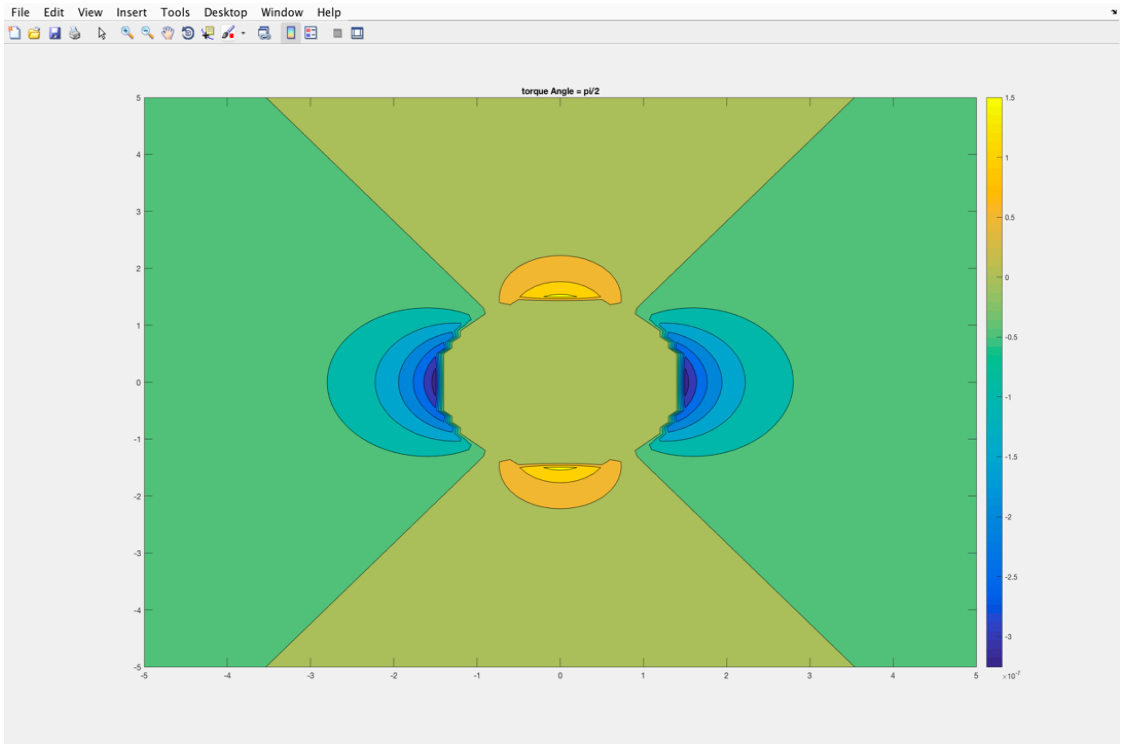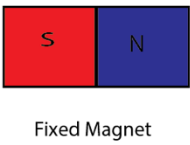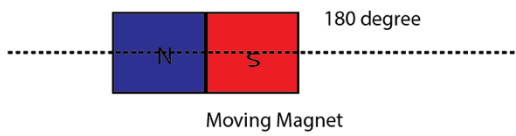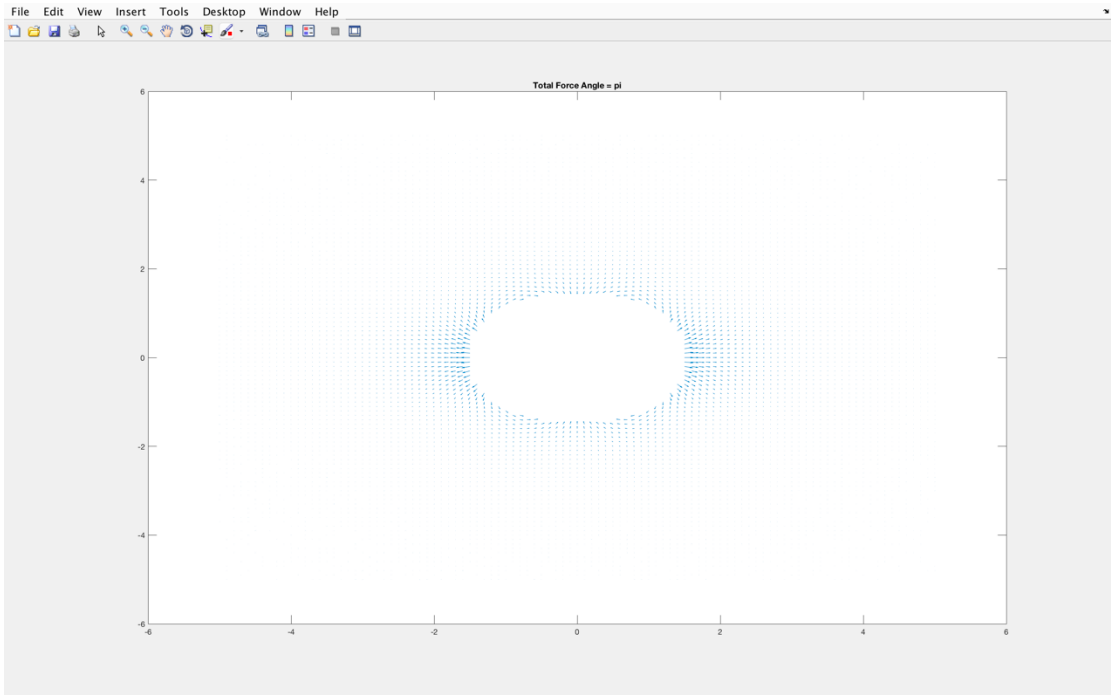Vector Map for Total Force:

Heat Map for Torque: