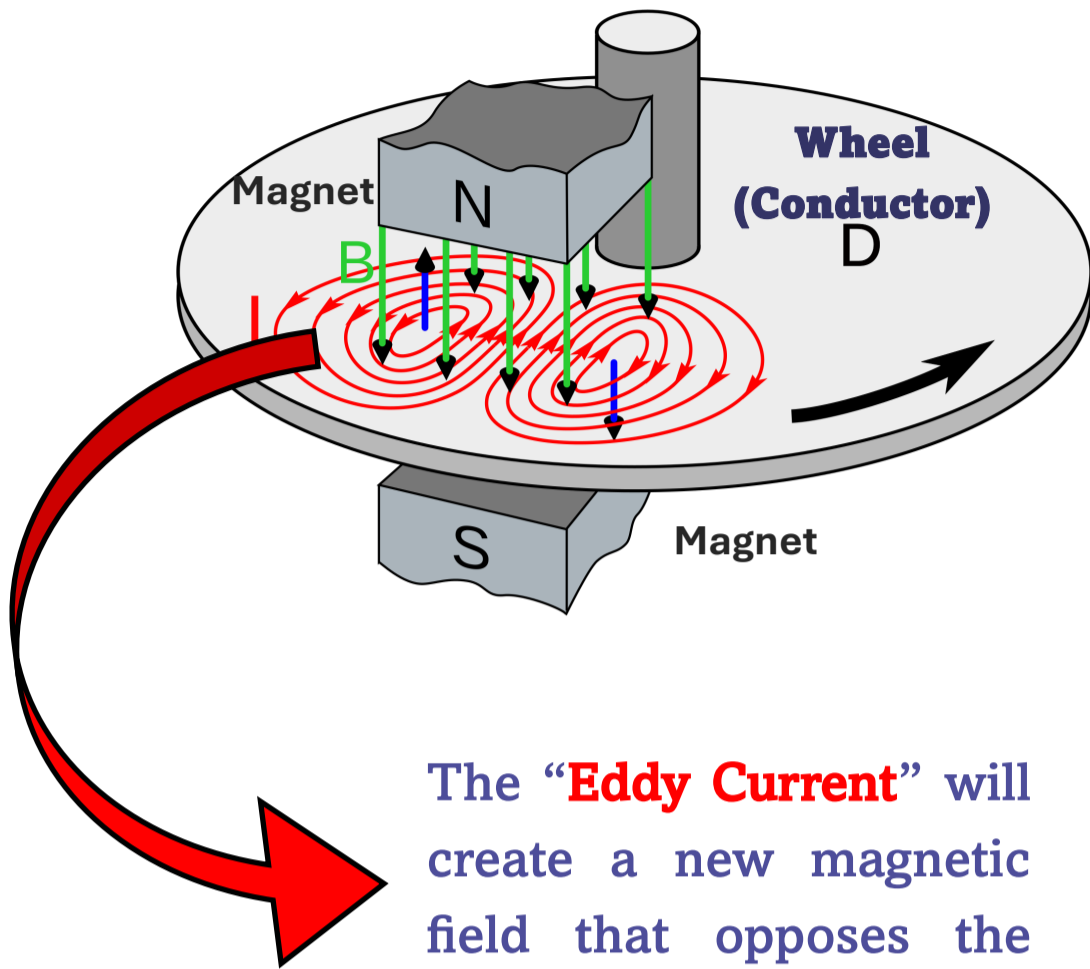


# MAGNETISM



Did you know you can stop a moving object with magnets?

When a conductor is moved through a magnetic field, an electricity current is generated within the conductor, called the

**“Eddy Current”**

The **“Eddy Current”** will create a new magnetic field that opposes the external magnetic field



This creates a force that

**STOPS**

the moving object.

## Applying “Eddy Current” and magnetic braking in life



**Braking System of High Speed Train**



**Electronic Resistance in Gym Equipment**



**Deceleration of Roller Coaster Rides**



**DIFFERENT TYPES OF DIATHERMY**

**Diathermy Therapy for Muscles and Joints**