

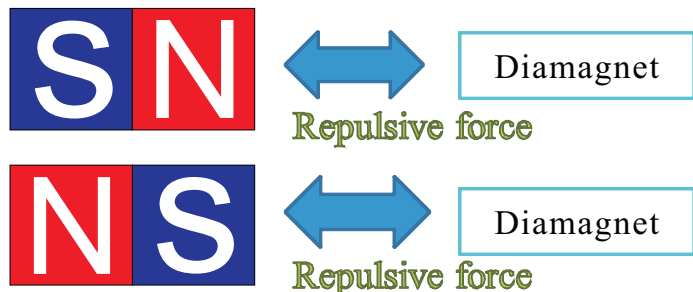
# Study on Diamagnetic Levitation

Using the graphite

## Control Engineering Laboratory

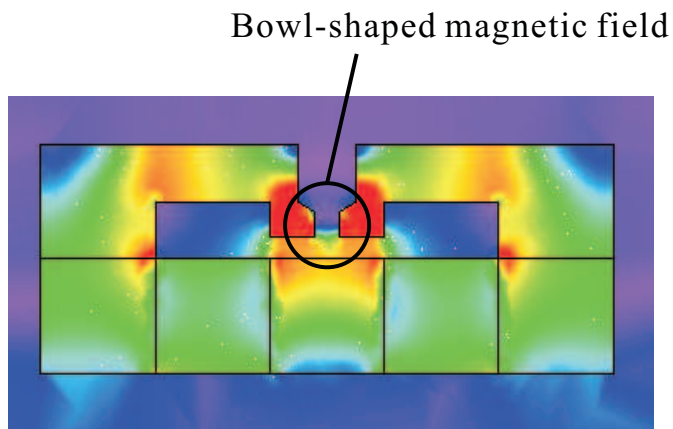
Graduate School of Science & Engineering, Saitama University

### Diamagnetic

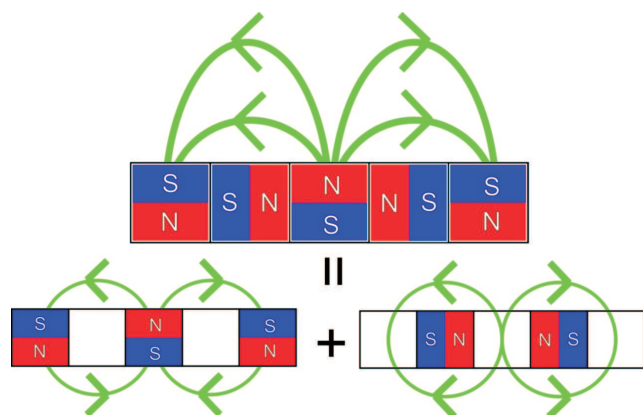


Property of generating repulsive force in magnetic fields regardless of the polarity

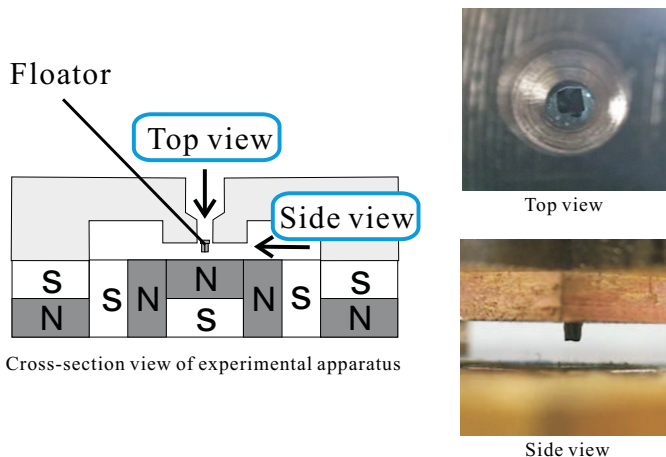
### Magnetic field analysis



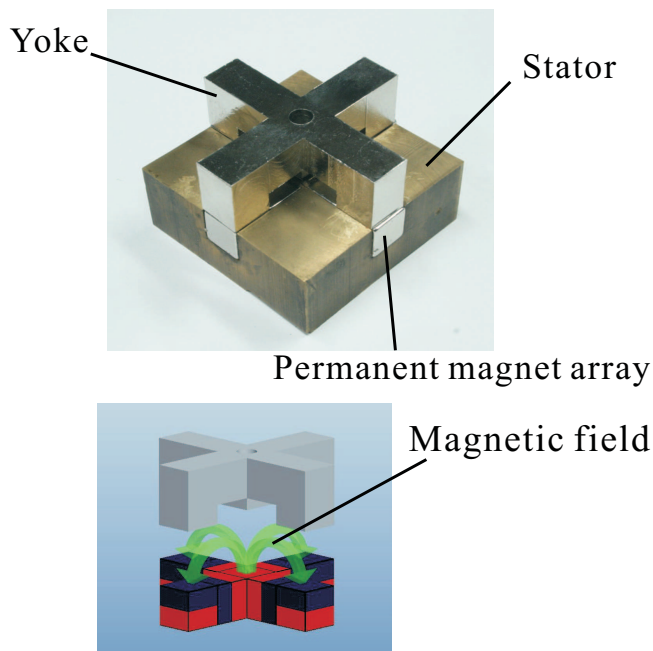
### Halbach array



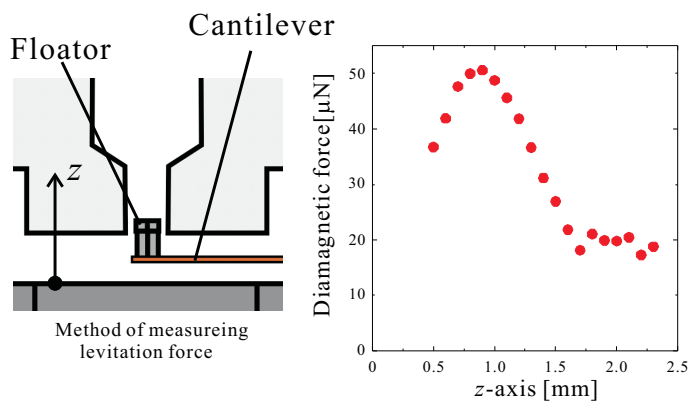
### Levitation



### Experimental apparatus



### Levitation force measurement



Levitation force is expected from the floating position