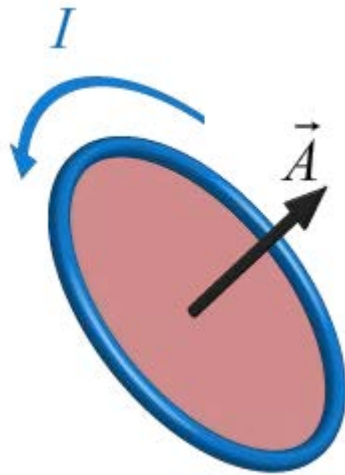


Magnetic Dipole Moment

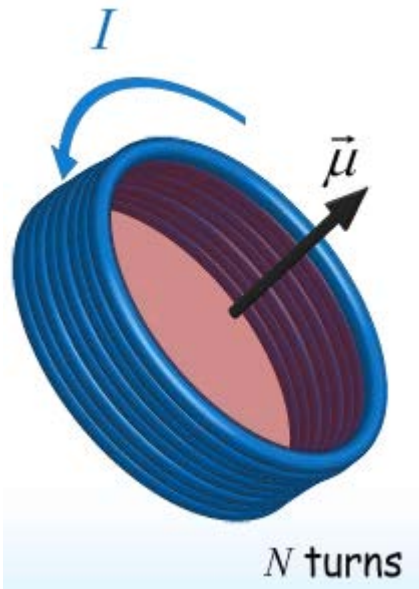
EXPLAIN THE MAGNETIC DIPOLE... What IS IT?!?!?!?!?!?!?!!



Area vector

Magnitude = Area

Direction uses R.H.R.



Magnetic Dipole moment

$$\vec{\mu} \equiv NI\vec{A}$$