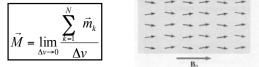
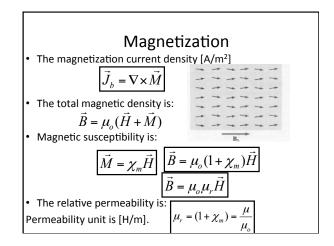


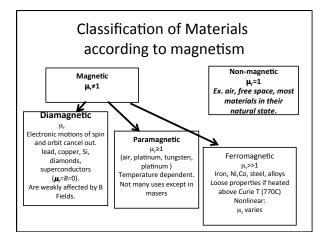
## Magnetization

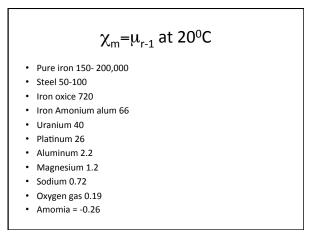
(similar to Polarization for E)

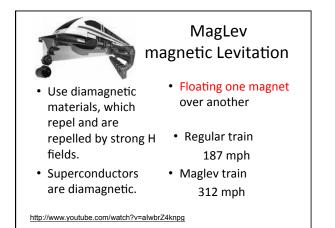
- Atoms have e- <u>orbiting</u> and <u>spinning</u>
  Each have a magnetic dipole associated to it
- Most materials have random orientation of their magnetic dipoles if <u>NO external B-field</u> is applied.
- When a <u>B field is applied</u>, they try to align
- in the same direction.
- The total magnetization [A/m]

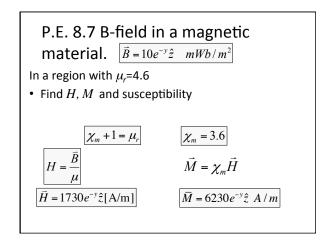


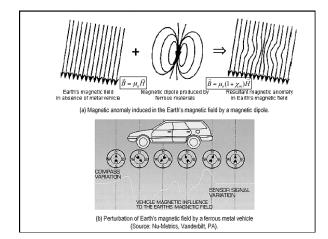














Push crossing button

· Video detectors

 <u>http://www.labreform.org/</u> education/loops.html



