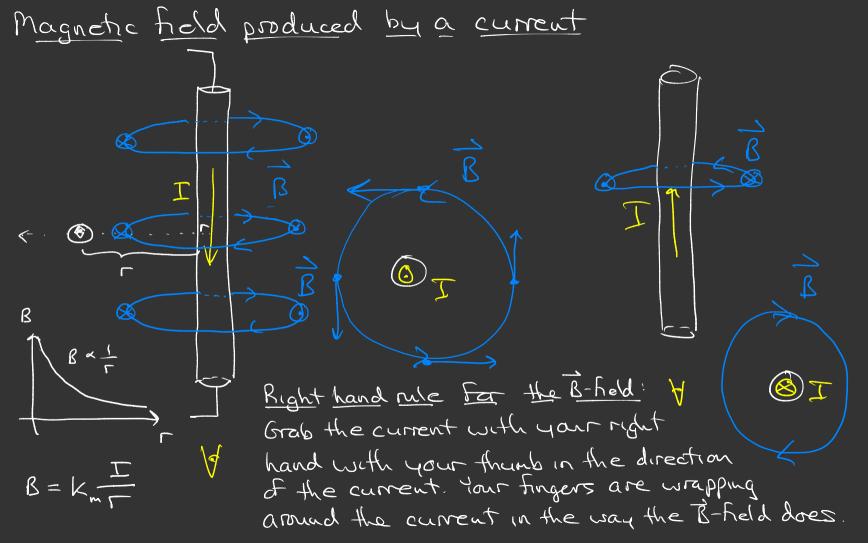
My name is Mike Gentile. (you can call me "Mike")
entile @ physics. rutgers. edu
Physics 194 - Lecture 10 (you can call me "Mike") mgentile @physics. rutgers. edu

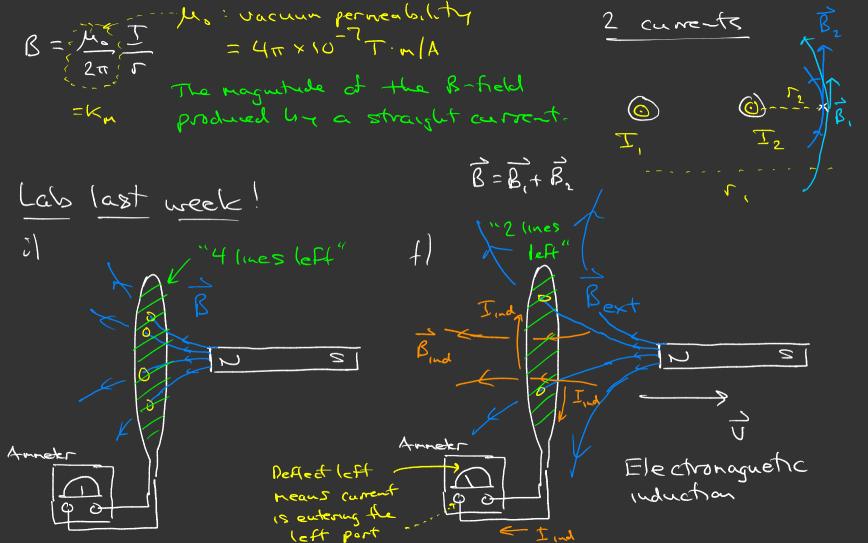
Have a question during class? Please ask it right away, even if it means interrupting in the middle of a thought. I want you to!

Agenda

- Class - The magnetic held produced by currents, Starts
 quantitatively.

 - The magnetic held produced by currents, Starts
- Electromagnetic induction
- The mass spectrometer and the magnetic force exerted on individual particles





Drital: No B-field

" zero

Lenz's law: The induced current I, is will produce an induced B-field B, and that attempts to restore the external B-field Best to what it was a manent before.