

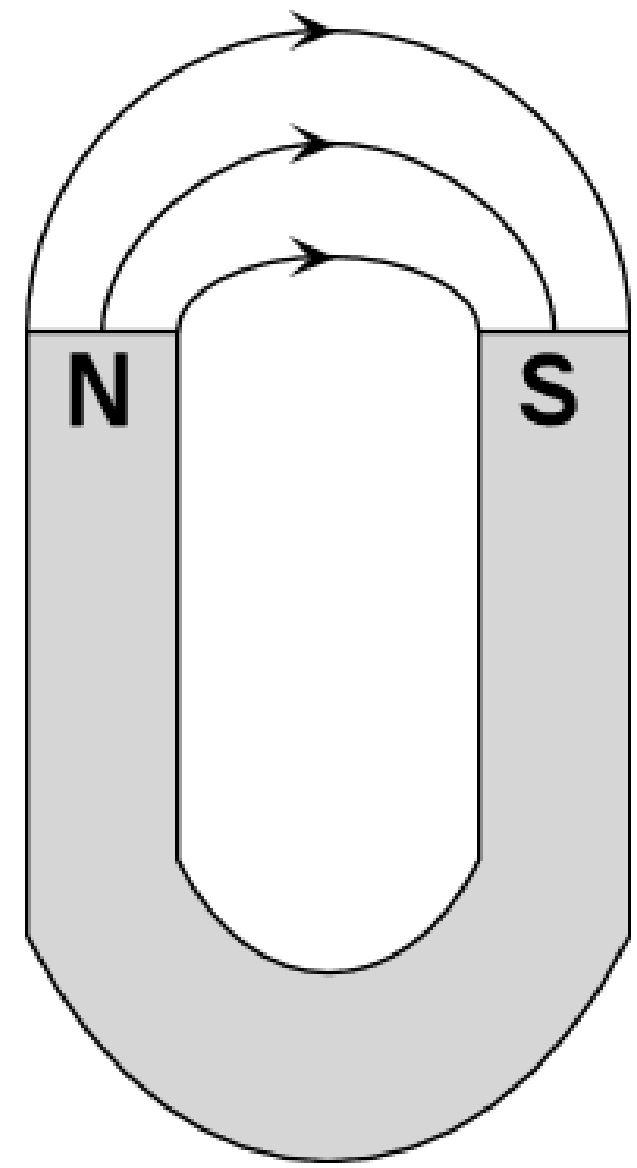
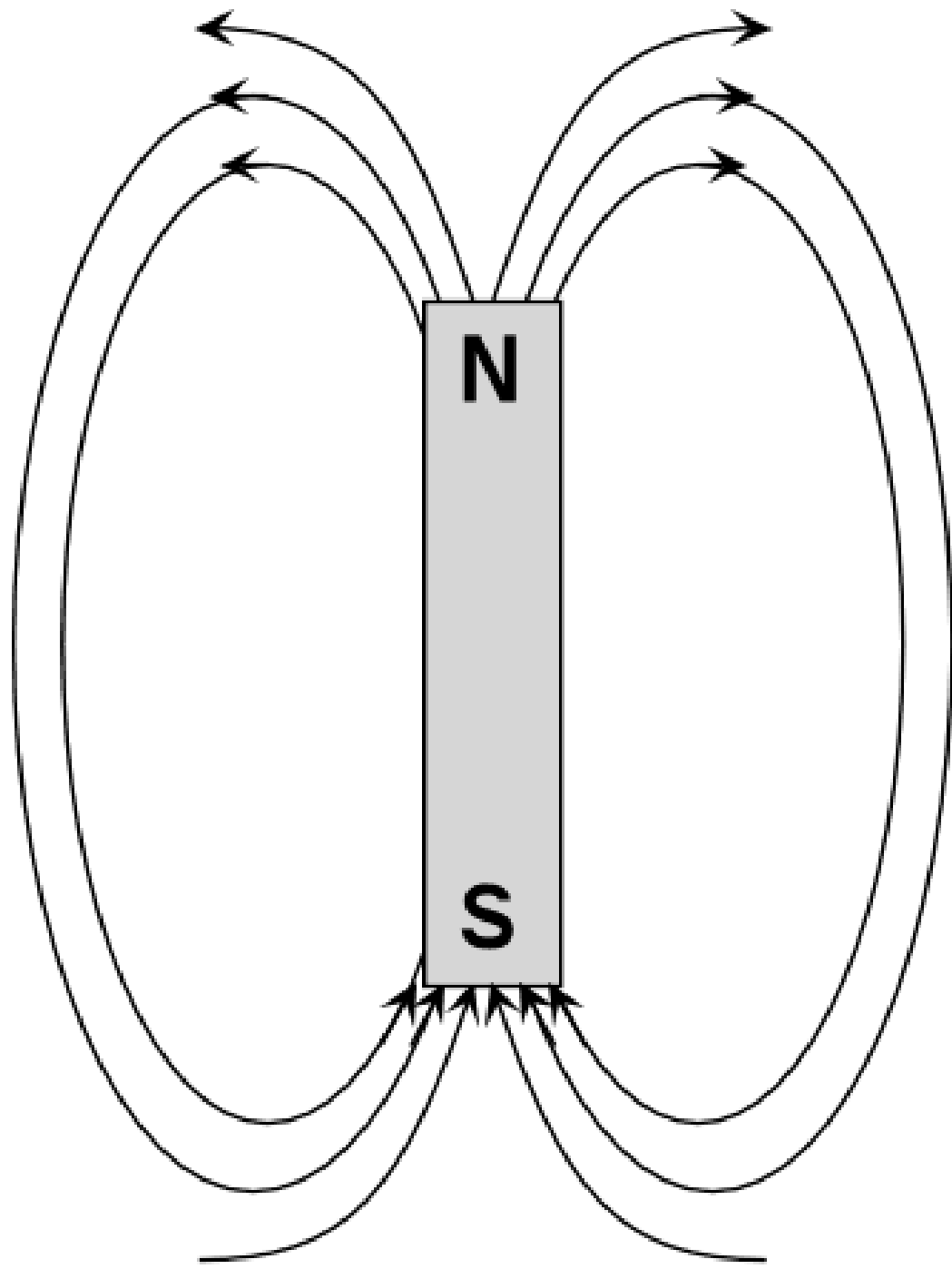
# MAGNETIC FIELDS

Prof. Stephen Sekula

10/15/2010

Supplementary Material for  
PHY1308 (General Physics -  
Electricity and Magnetism)

# Magnetic Field Line Conventions

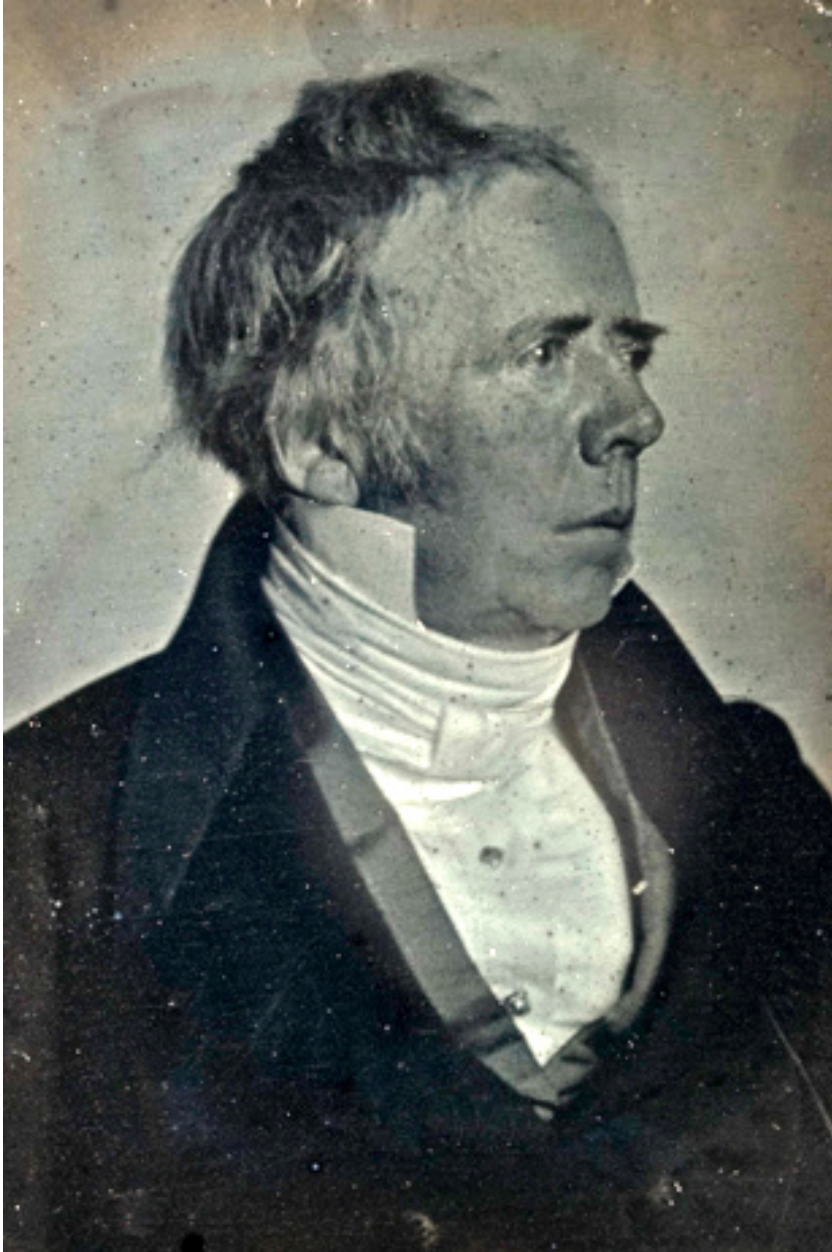


# HANS CHRISTIAN OERSTED

*1777-1851*

Danish physicist and chemist.

Observed in 1819 that an electric current caused a compass needle to deflect. This observation caused quite a stir. Electricity and magnetism were related phenomena.



# CROOKE'S TUBE DEMONSTRATION



[http://www.youtube.com/watch?v=\\_BOo81loJi8](http://www.youtube.com/watch?v=_BOo81loJi8)