

THE MAGNETIC FIELD OF MOVING CHARGE

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

ANNOUNCEMENTS

- Homework 7:
 - Due Tuesday by 9:30am
- Next week
 - I am traveling for LHC-related work
 - Mr. Ferrante will cover the lectures and administer the Thursday quiz
 - Extra office hours tomorrow, 10-noon (Hughes-Trigg)

TERRESTRIAL MAGNETISM



Refrigerator magnets:
 $\sim 100\text{G}$ ($\sim 0.01\text{T}$)

Rare earth magnets:
 $\sim 0.5\text{-}1.0\text{T}$

So, the scale of
terrestrial magnetism is
about 1T .