

# REFLECTION AND REFRACTION

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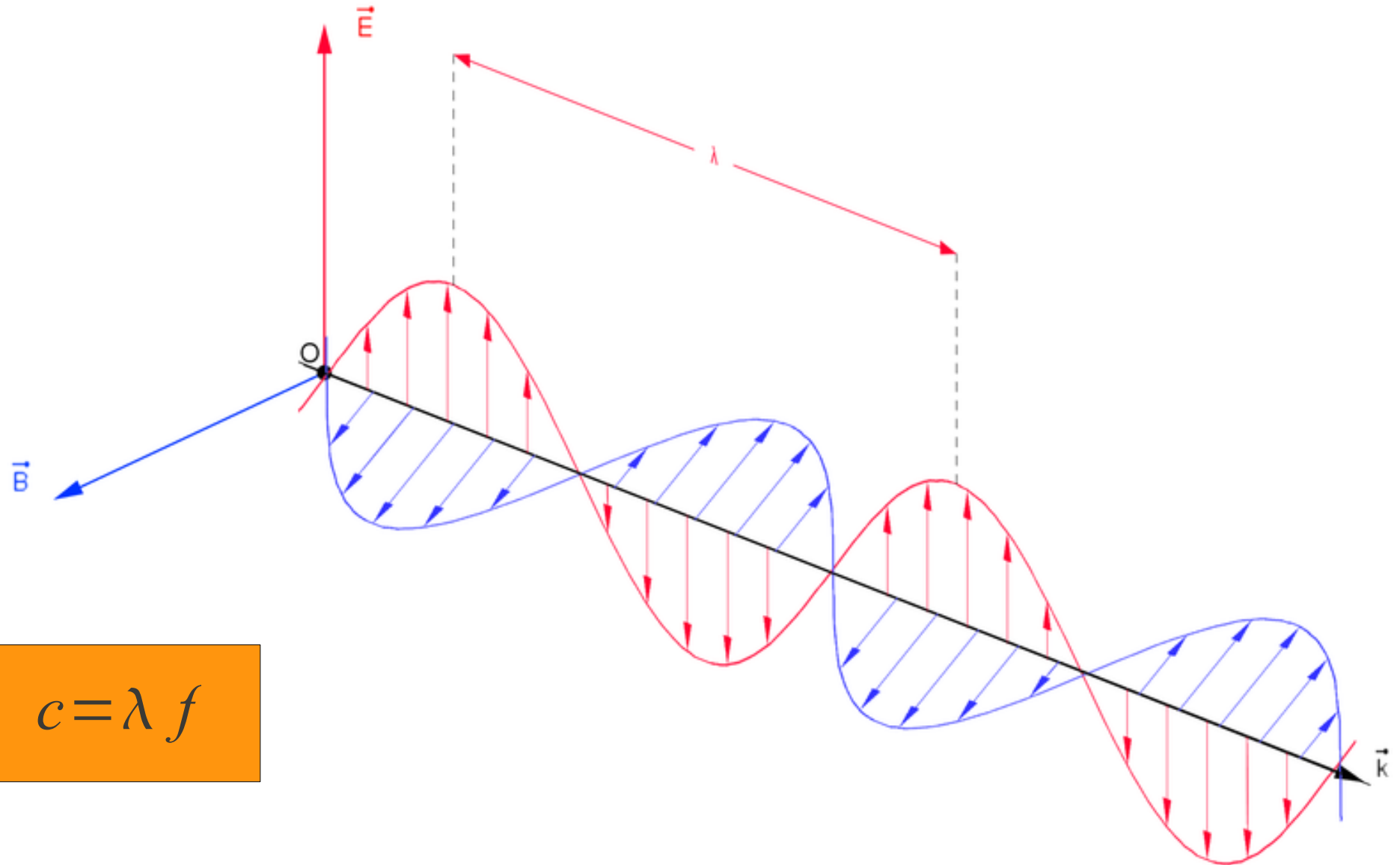
11/17/2010

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

# ANNOUNCEMENTS

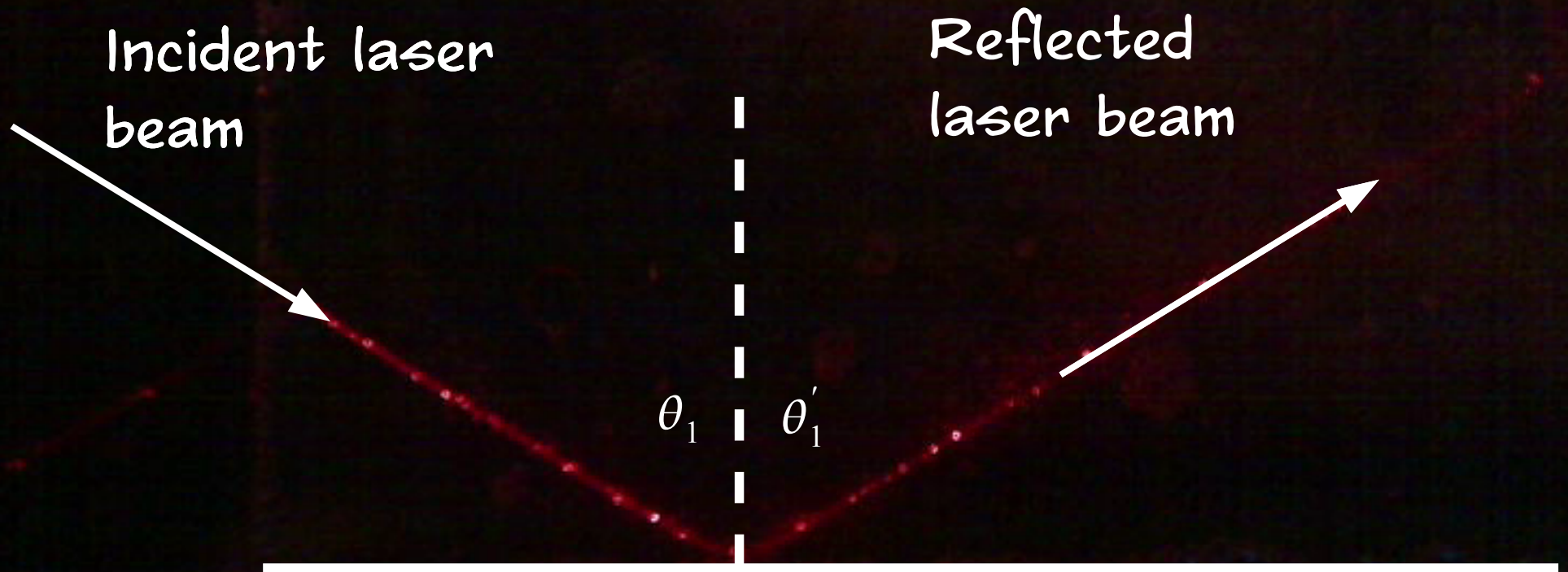
- Homework 12:
  - Due Tuesday by 5pm (covers remainder of CH27)
- Next Exam
  - Friday, in class (Chapters 26-27)
  - I will be away on Thur. and Fri. (substitute exam proctors will be here on Friday)
  - Extra Office Hours! Today: 1-2:30

# ELECTROMAGNETIC WAVES



$$c = \lambda f$$

# REFLECTION



# REFRACTION



# REFRACTION

Incident laser  
beam

Laser path through  
plastic + mineral oil

Laser path through  
plastic + air

