Physics 108 Assignment#6 (due on 5/14/2021)

Reading materials:

Pedrotti 3rd Edition: **Chapter 23:** 23-1 through 23-7
Lecture Notes: pp. 78 - 95

Homework: (Pedrotti 3rd Edition)

1.   23-2

2.   23-5

3.   23-12

4.   23-13

5.   23-15

6.   23-16

7.   23-20

8.   (**Extra 5 points**) Derive the transmission and reflection coefficients for p-polarized electric fields. And show that Stokes relations, $r_{12} = - r_{21}$ and $(r_{12})^2 + t_{12}t_{21} = 1$, hold for p-polarized electric fields.