

Physics 391  
Lesson 7 Preflight

1. In words, what does eq. 4.15 mean?
2. What is the distinction between Figures 4.39, 4.40, and 4.43?
3. What do the subscripts  $\perp$  and  $\parallel$  mean in Equations 4.32, and 4.40?
4. Under what circumstances are the Fresnel equations 4.34 and 4.35 true?
5. How is the polarization angle defined?