Exercise 5.2.4 Fresnel Equations and Polarization

Consider to use the Brewster angle for obtaining polarized light.

Design a polarizer from some common optical materials that works in this way. Discuss its performance.

Hint 1: Redraw the graphs for the Fresnel equations in chapter 2.2.2 for the transmitted beam. Hint 2. Consider to use your design for, e.g., polarizing sun glasses.

Link to the solution