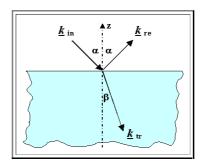
Exercise 5.1.1 Derivation of Snellius Law

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Consider the situation as given in the figure.



- Assume that the light consists of a stream of photons, all with the same energy hν and with momentums given by ħ <u>k</u>.
- Assume a certain flux of photons (= number per second and cm²) given by l_{in} , l_{ref} , and l_{tr} . Also assume that you have "mirror" reflection, i.e. both angles are identical (= α)





Link to the solution