

# Óptica e Ondas eletromagnéticas



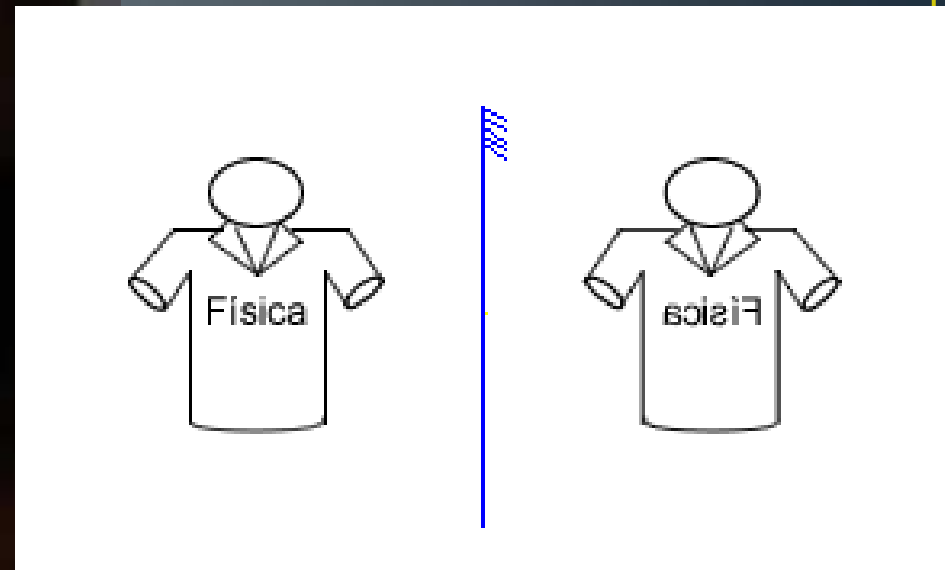
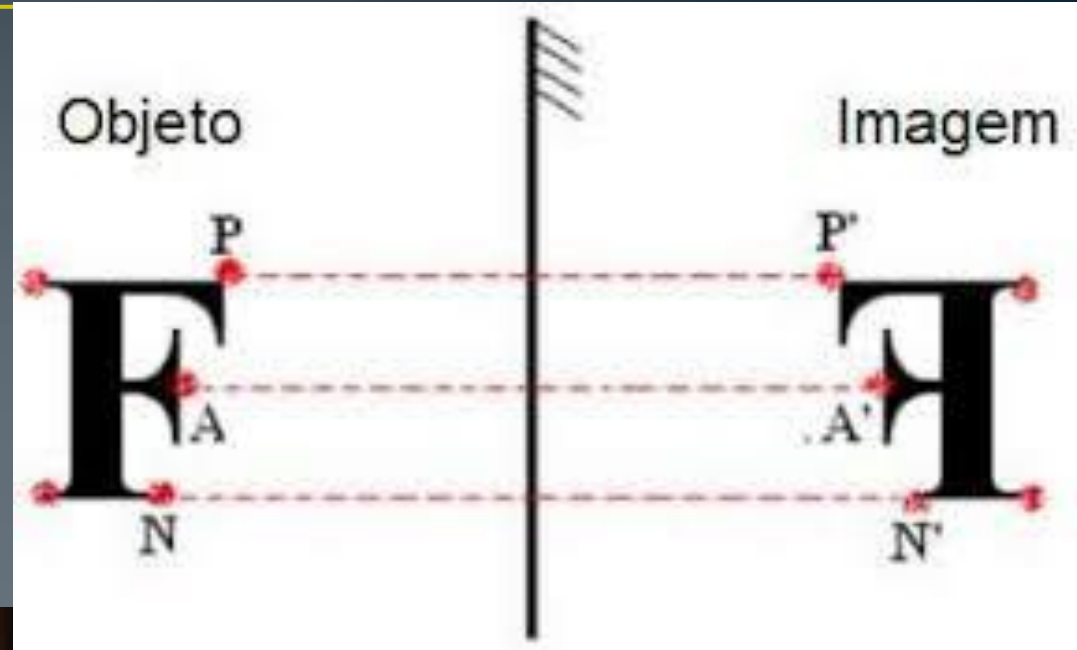
**Instituto Federal do Paraná**  
**Licenciatura em Física**  
**6º período**

Profa. Marcia Saito

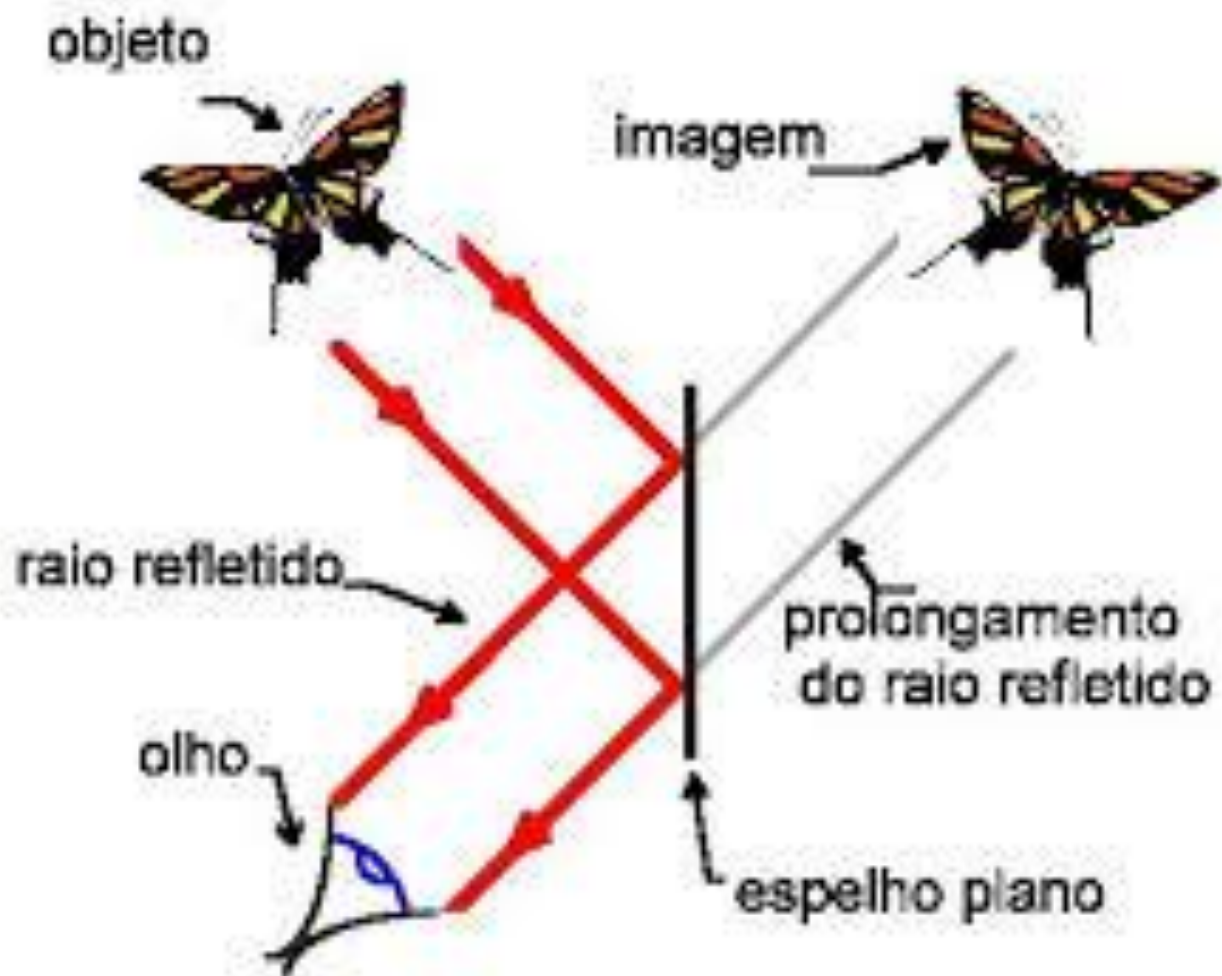
E-mail: [marcia.saito@ifpr.edu.br](mailto:marcia.saito@ifpr.edu.br)

# Espelhos planos

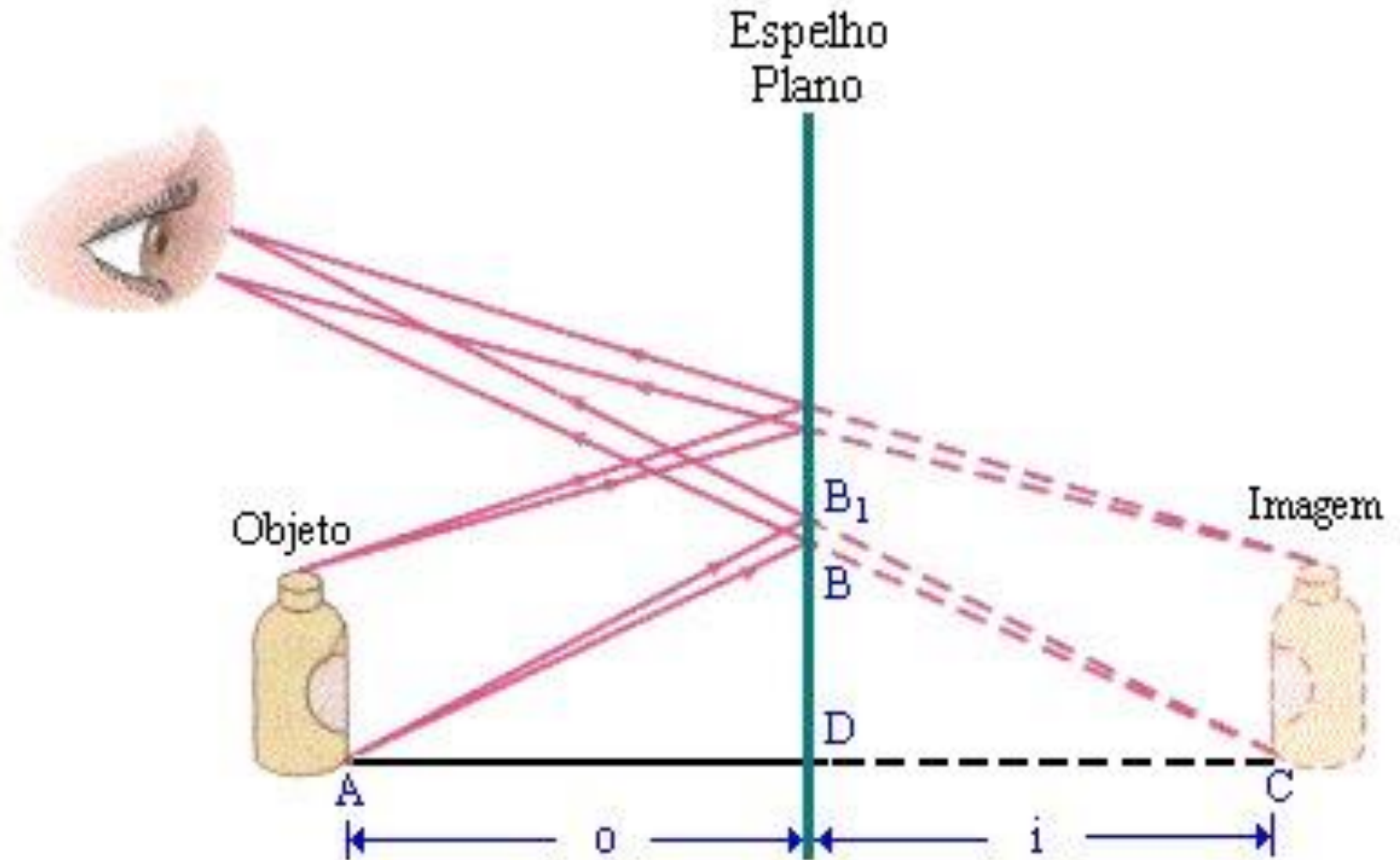
- Objetos extensos



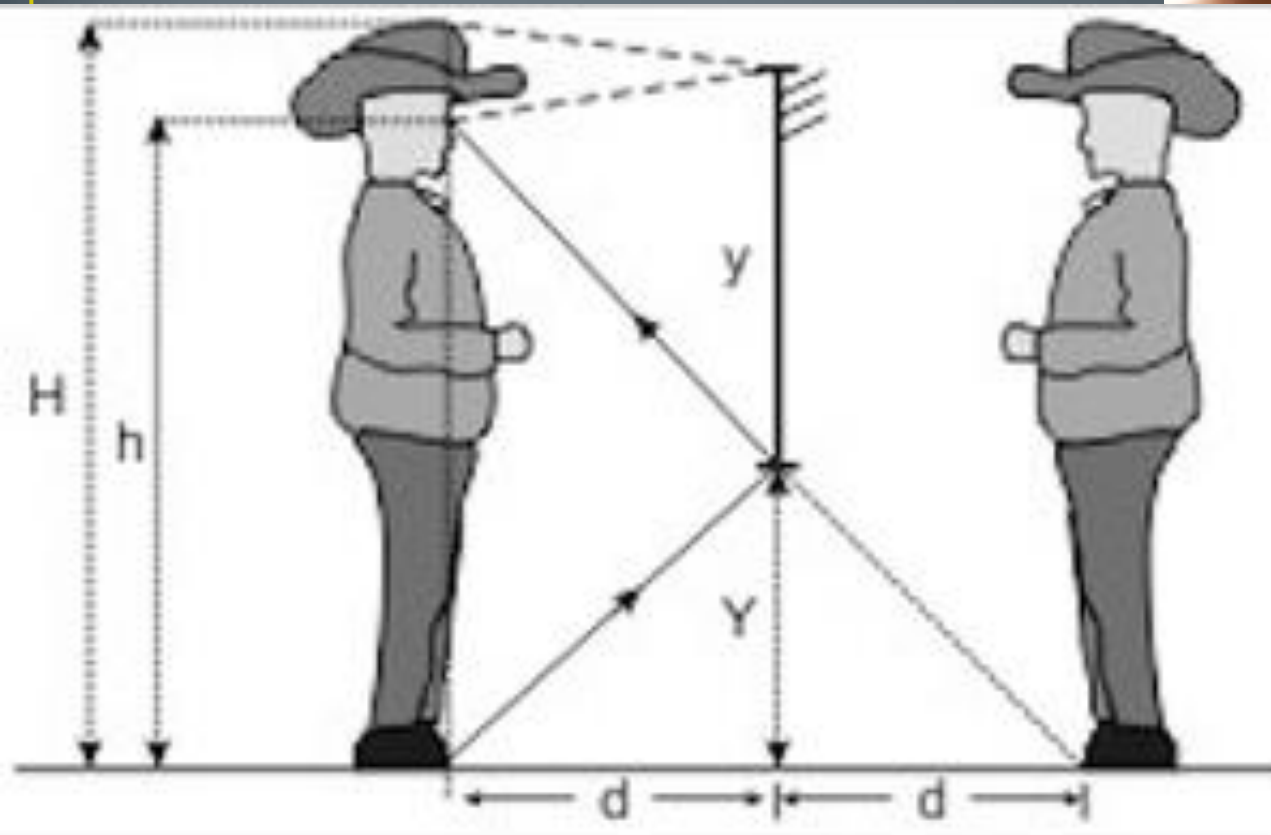
# Objetos extensos



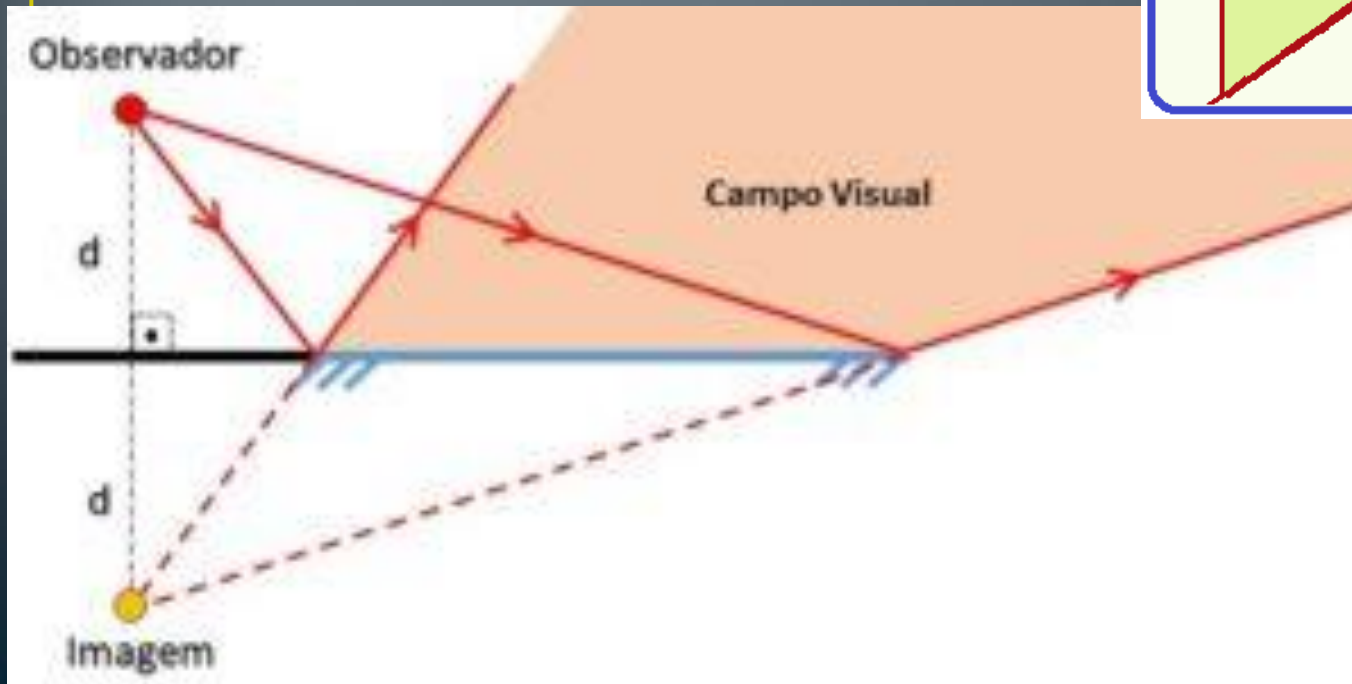
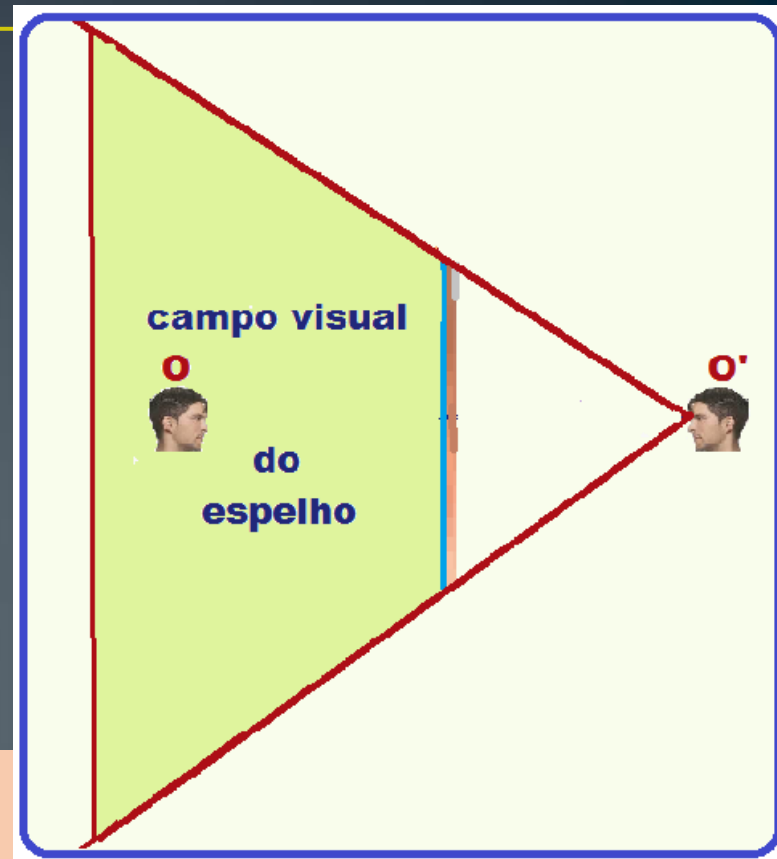
# Objetos extensos



# Campo visual



# Campo visual

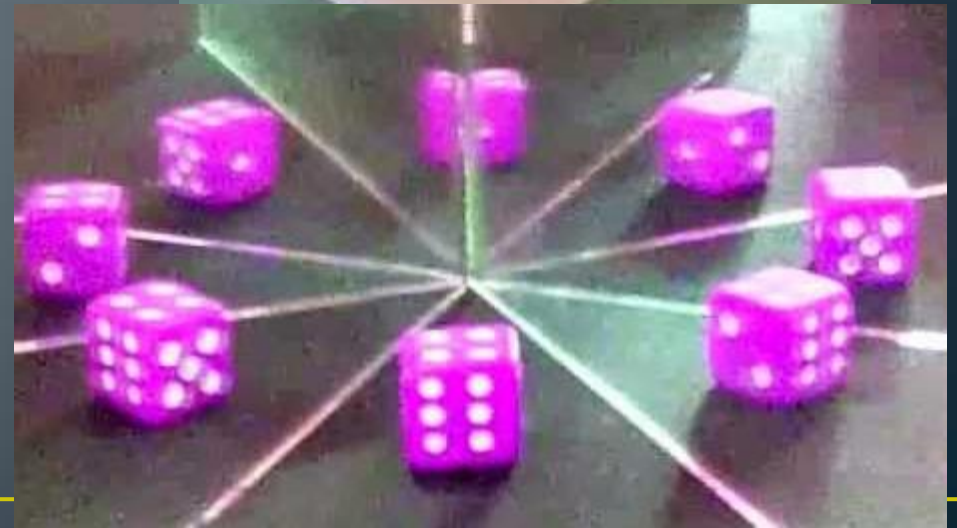




# Associação de espelhos planos

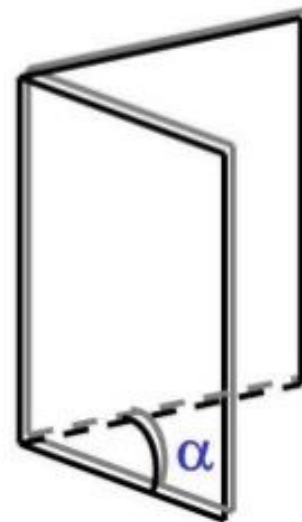
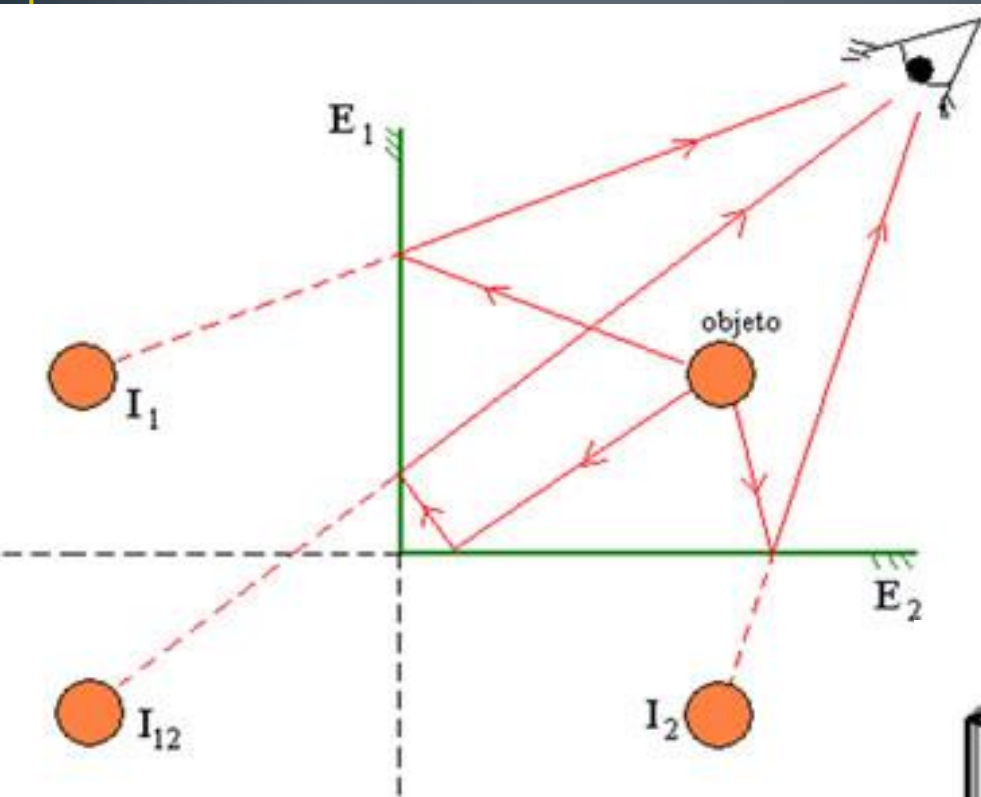


# Associação de espelhos planos





# Associação de espelhos planos



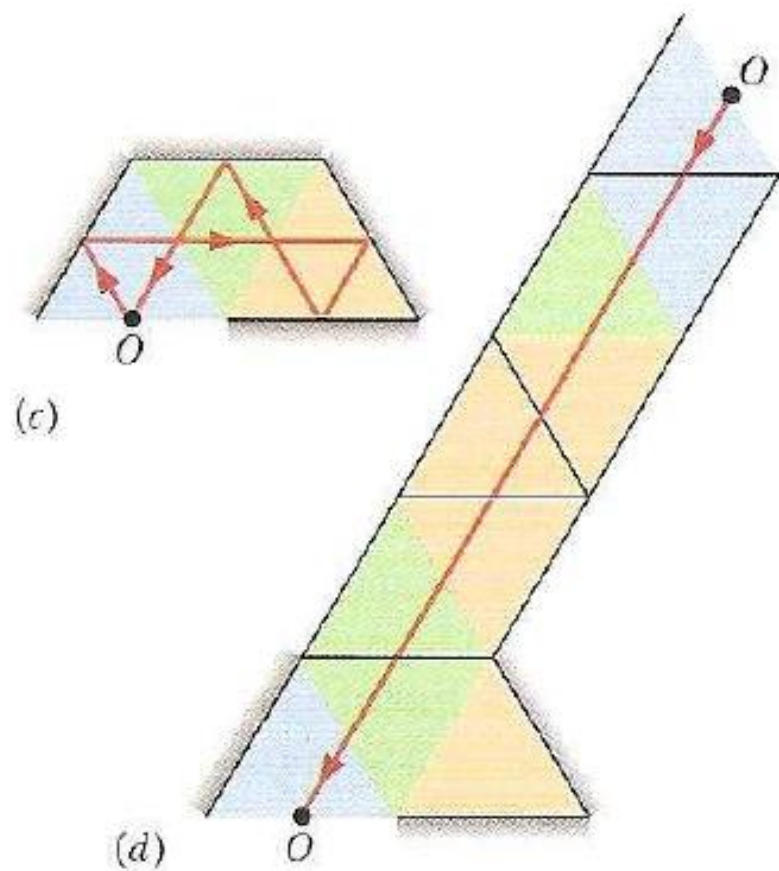
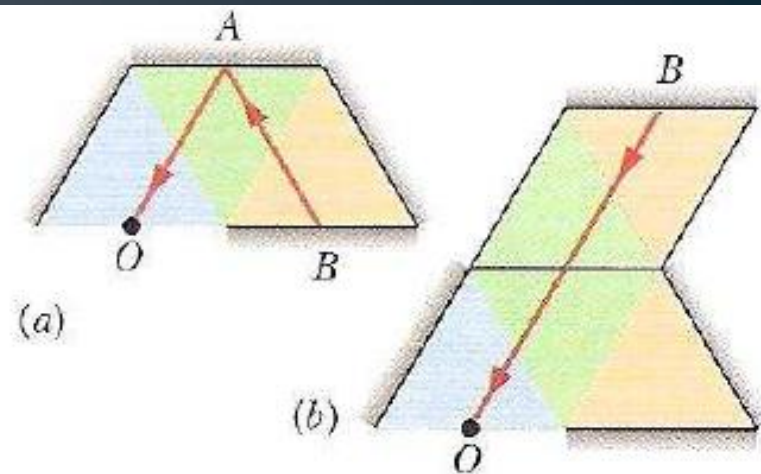
$$n = \frac{360^{\circ}}{\alpha} - 1$$

# Labirinto de espelhos





# Labirinto de espelhos



## Lista de exercícios (Entrega 04/09)

- Halliday, D.; Resnick, R.; Walker, J. Fundamentos de Física 4, Rio de Janeiro: LTC, 2009 – 8ª edição
- Exercícios cap. 34:
- Perguntas: pags. 63, exs. 1
- Problemas: pags. 65, exs. 1, 3, 5