

Óptica e Ondas eletromagnéticas

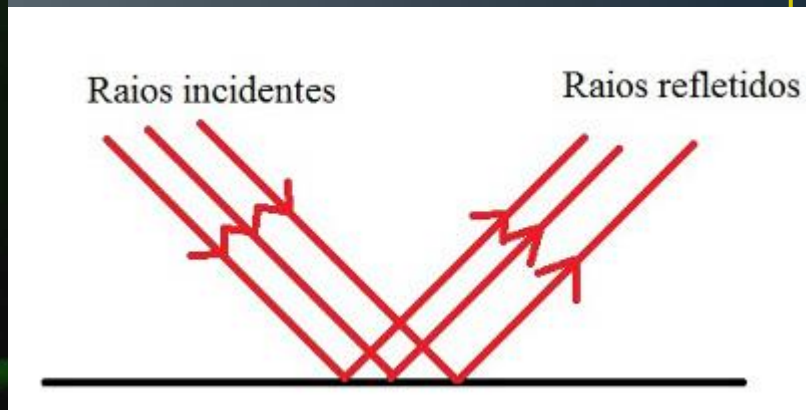
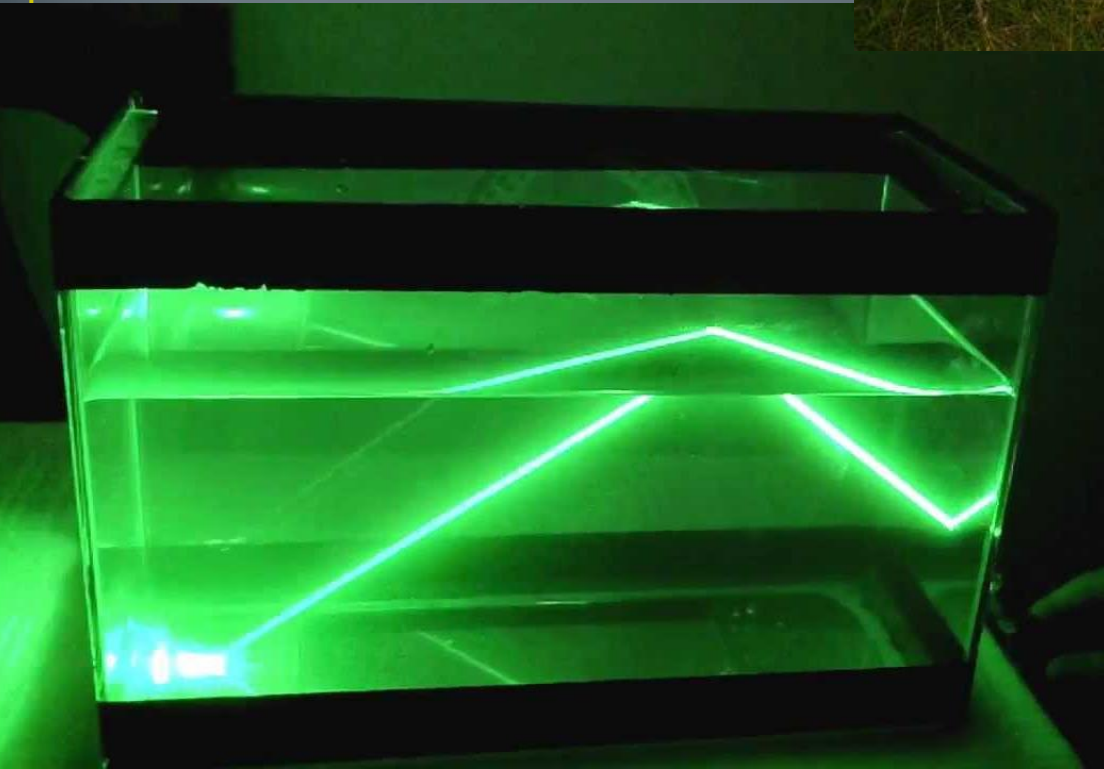


Instituto Federal do Paraná
Licenciatura em Física
6º período

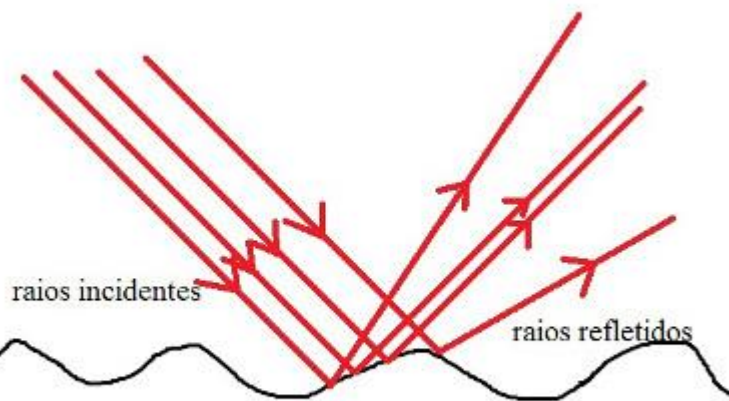
Profa. Marcia Saito

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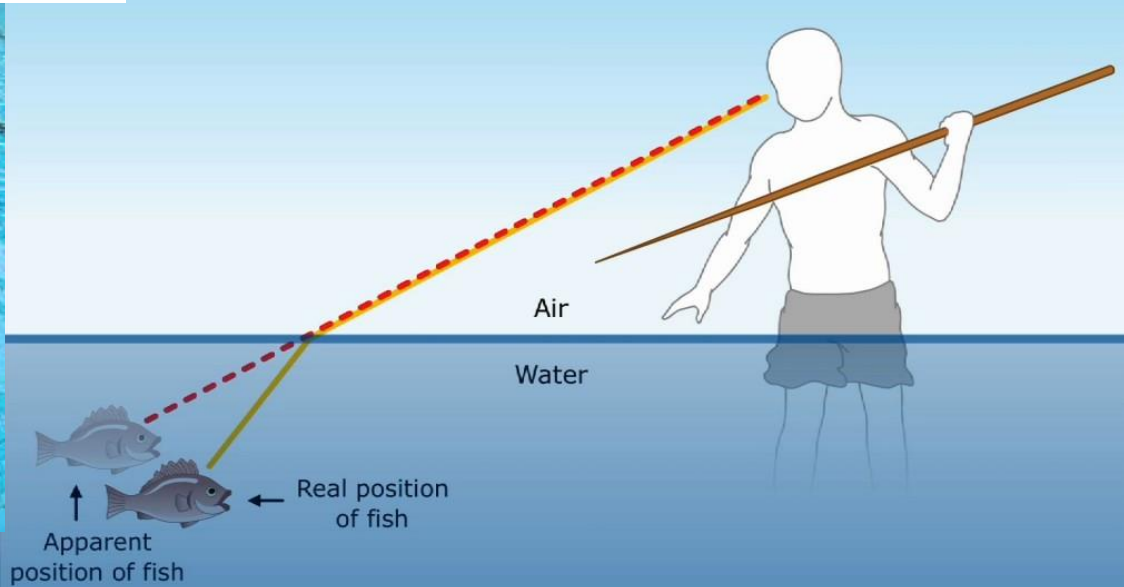
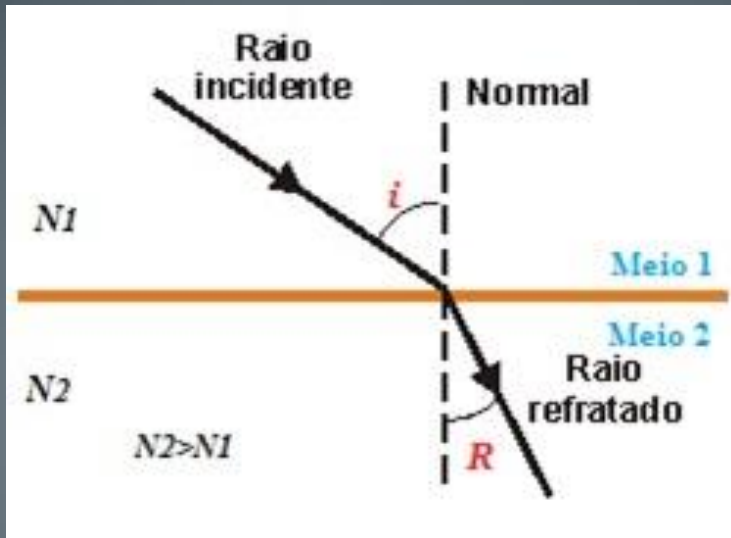
Reflexão



Reflexão

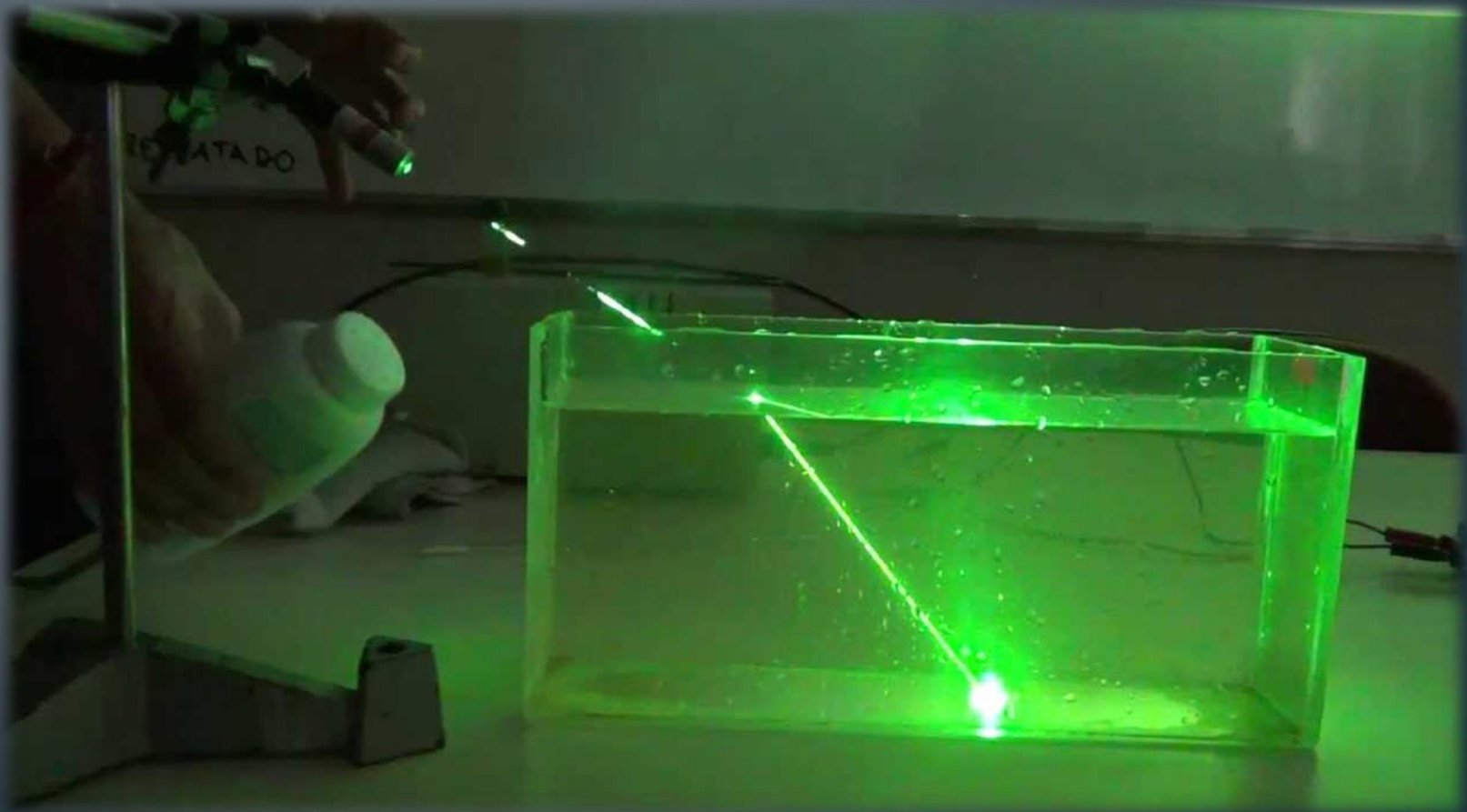


Refração



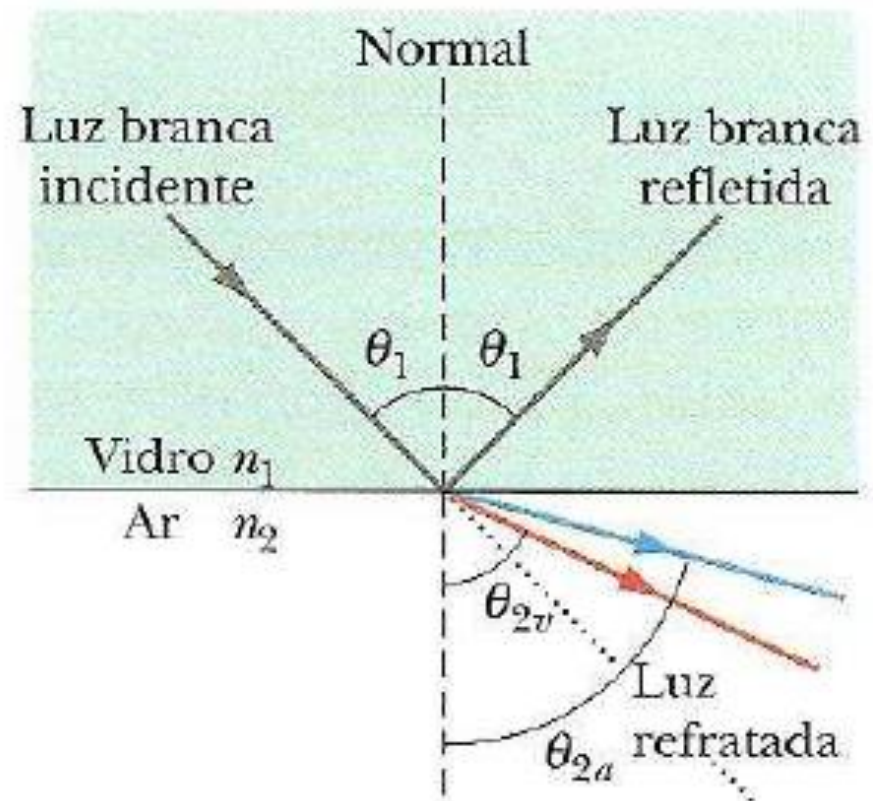
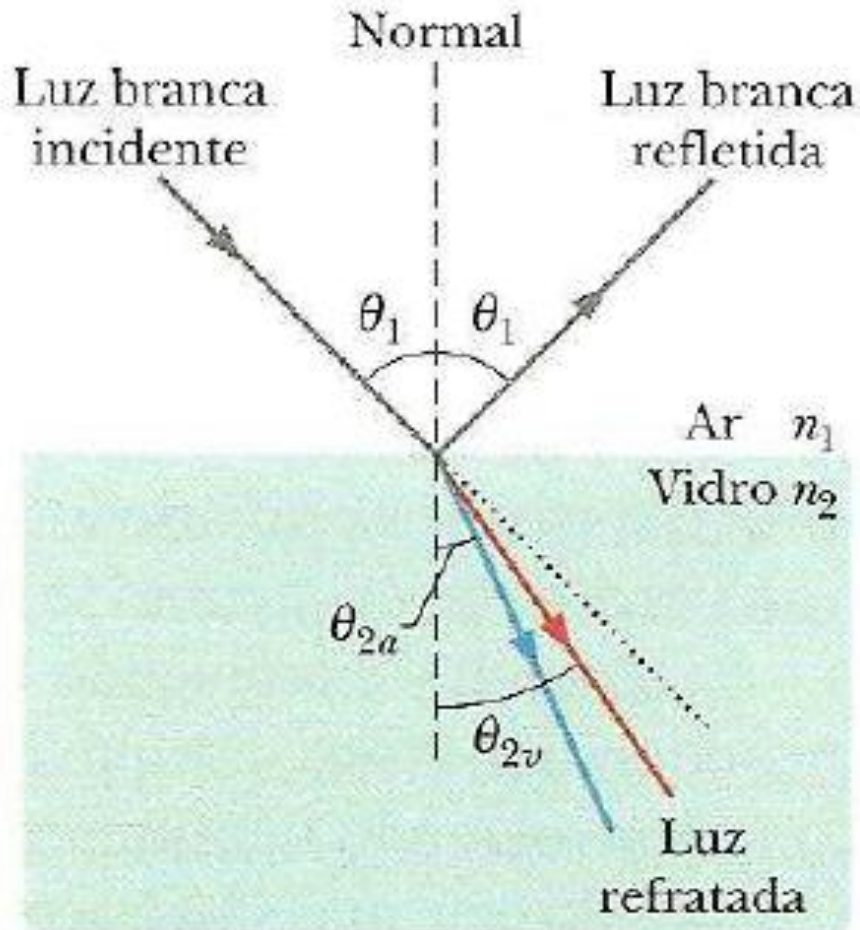
Refração de um feixe monocromático

- Não há dispersão cromática



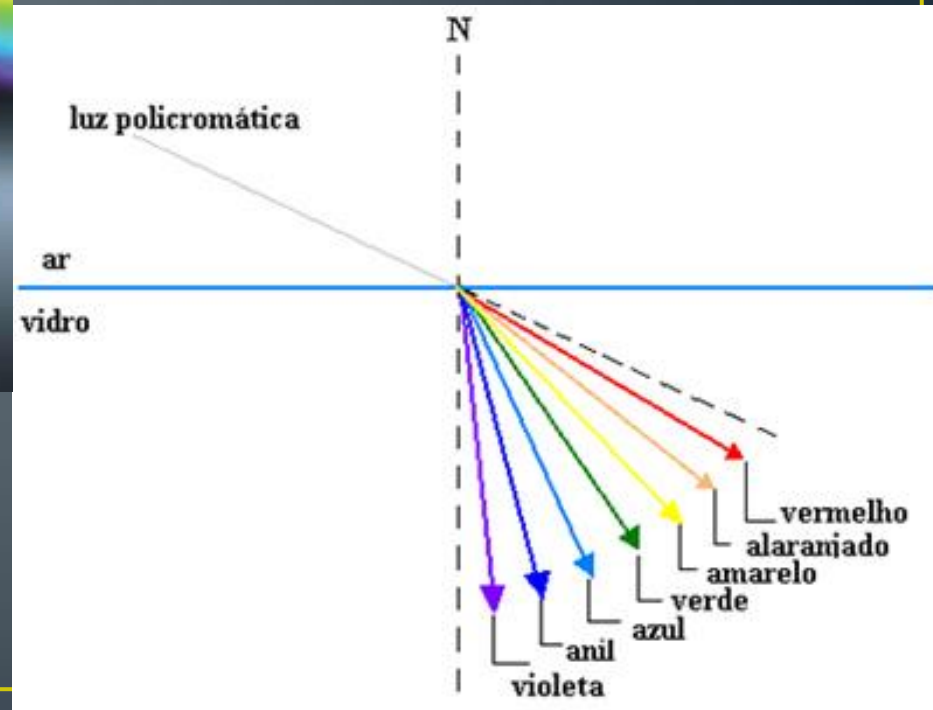
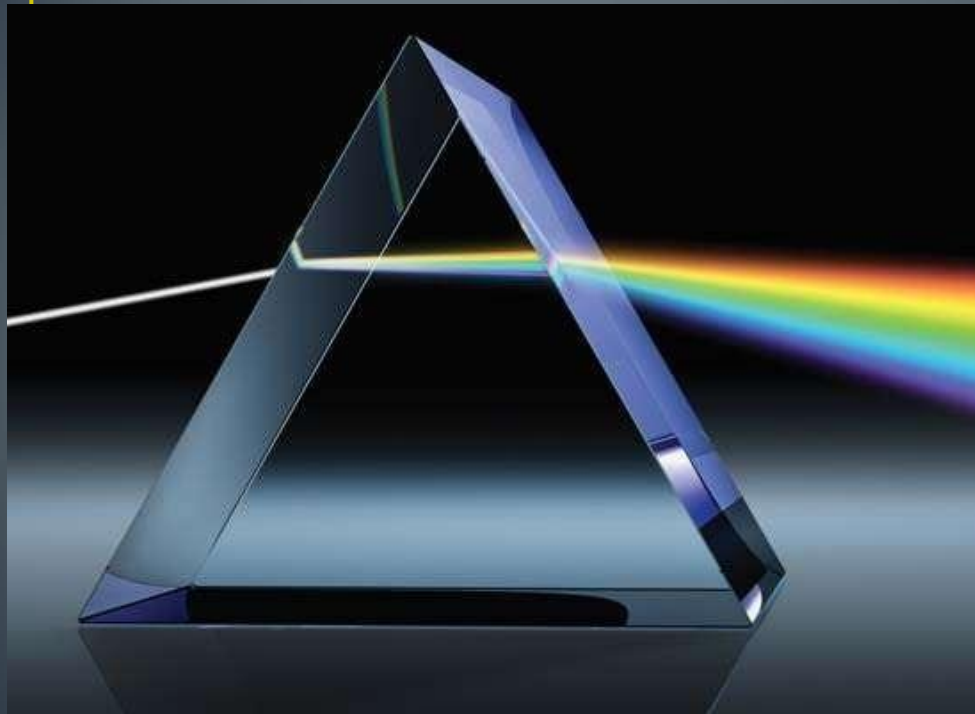
Refração de um feixe policromático

- Dispersão cromática



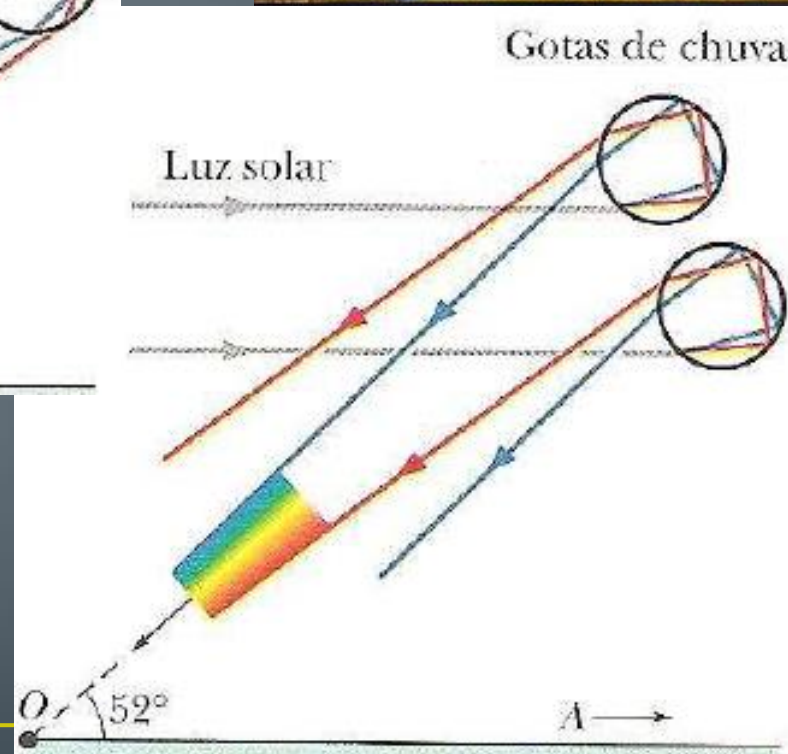
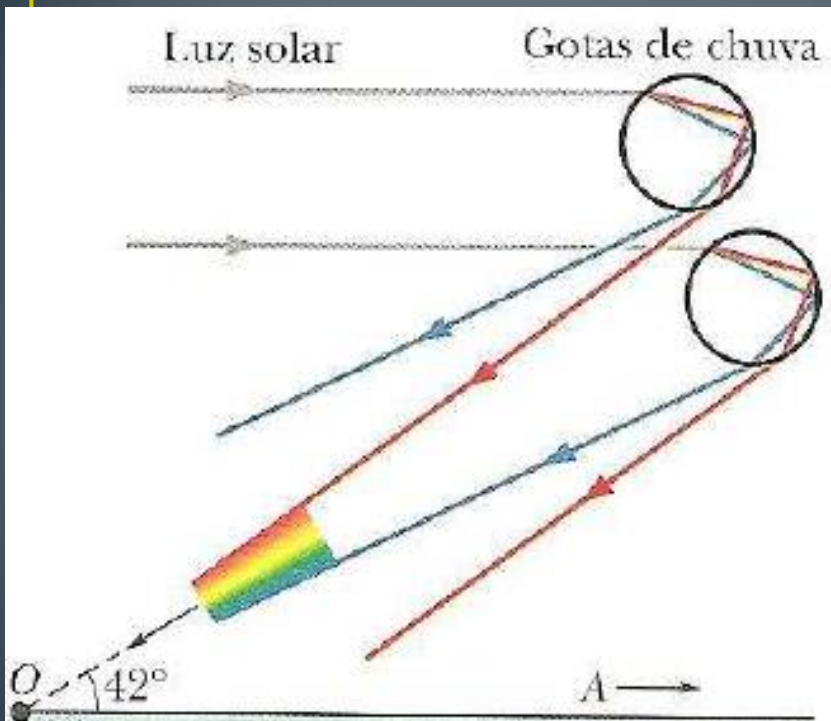
Refração de um feixe policromático

- Dispersão cromática



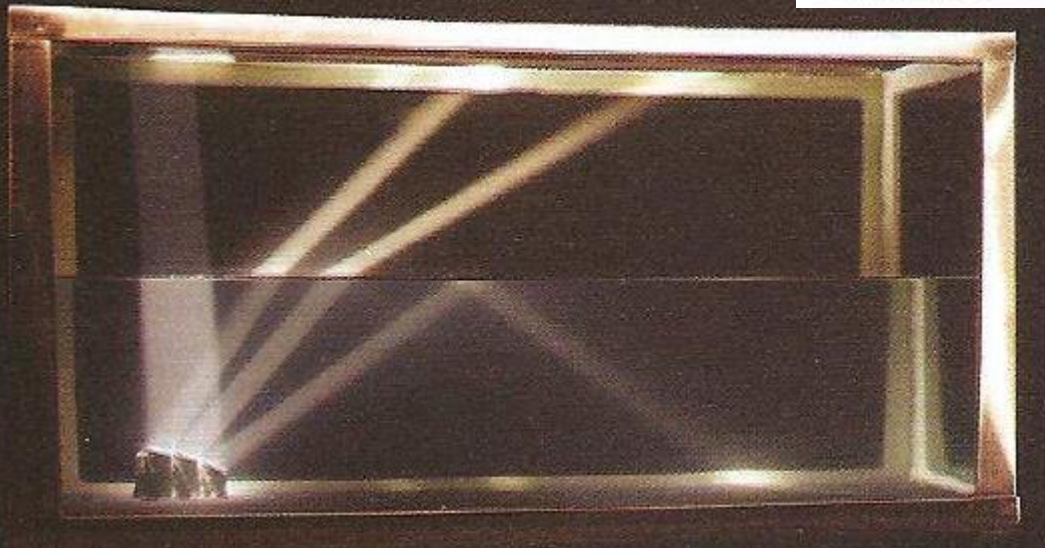
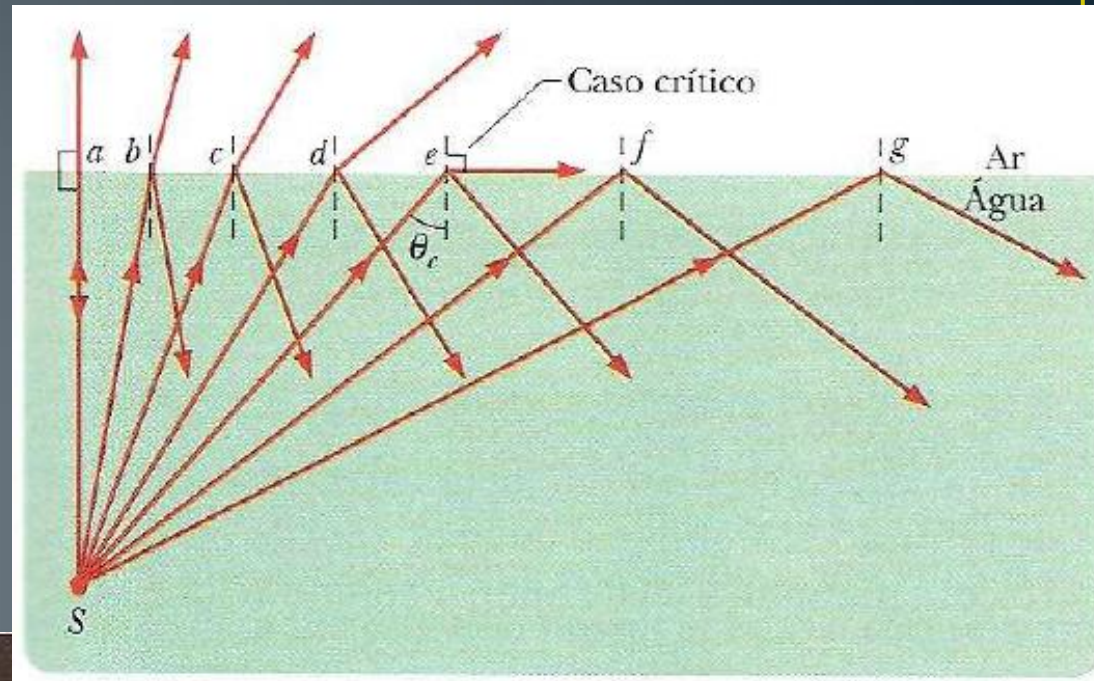
Refração de um feixe policromático

- Dispersão cromática



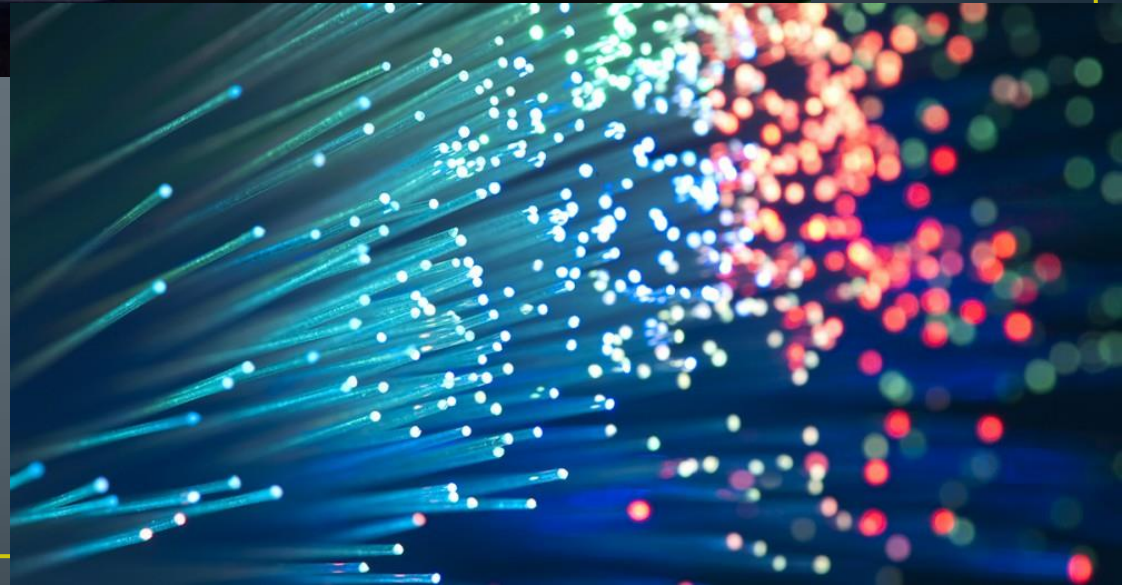
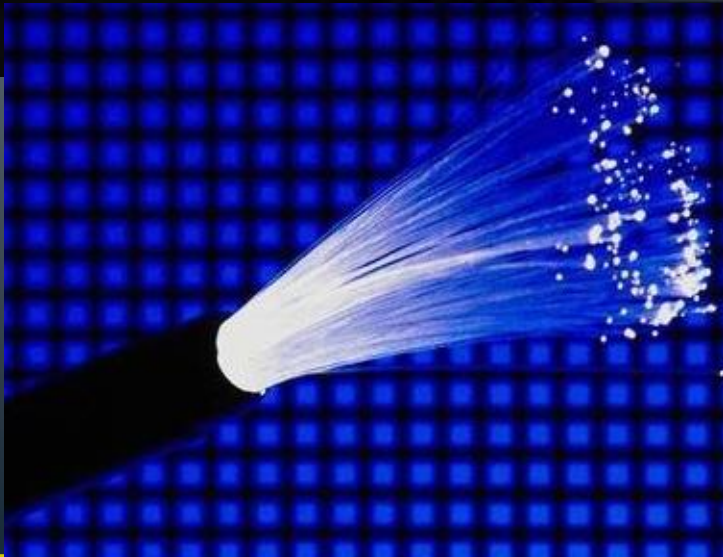
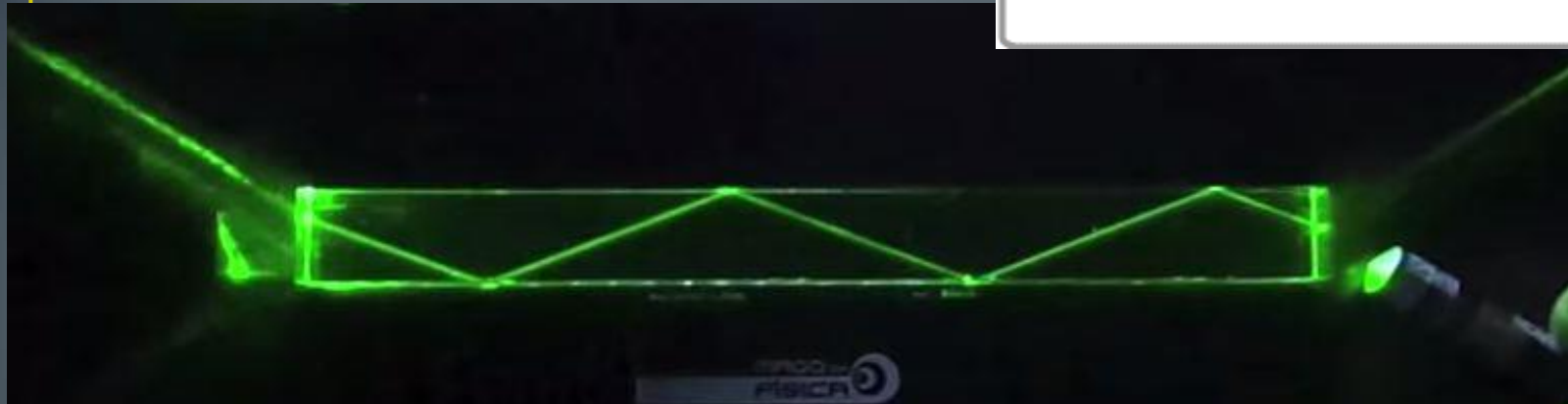
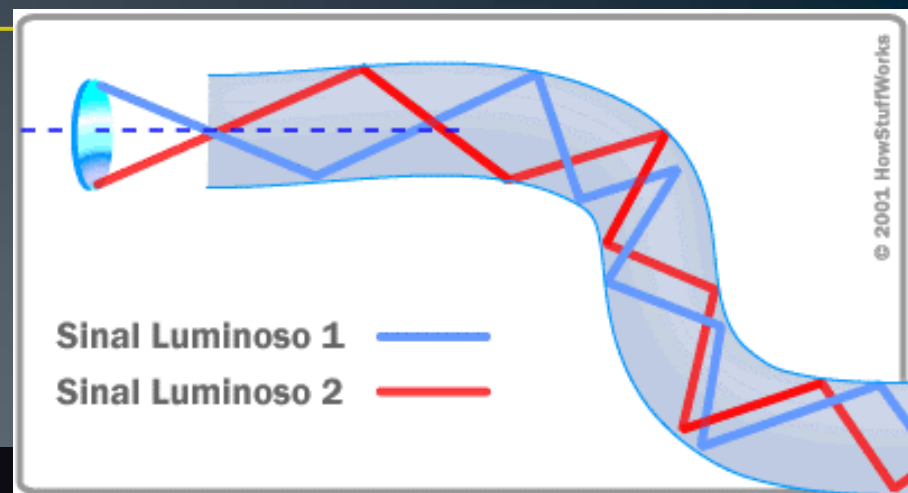
Reflexão interna total

- Ângulo crítico



Reflexão interna total

- Aplicações



Lista de exercícios (Entrega 28/08)

- Halliday, D.; Resnick, R.; Walker, J. Fundamentos de Física 4, Rio de Janeiro: LTC, 2009 – 8ª edição
- Exercícios cap. 33:
- Perguntas: pags. 27 e 28, exs. 7 e 9
- Problemas: pags. 32 a 35, exs. 45, 51, 59 e 61