Módulo 1 Fundamentos da Óptica Geométrica

MODO TURBO | B

01. Conceitos Básicos

a) Raio de Luz

b) Feixe de Luz

c) Fonte de Luz

d) Meios de Propagação

02. Princípios da Óptica Geométrica

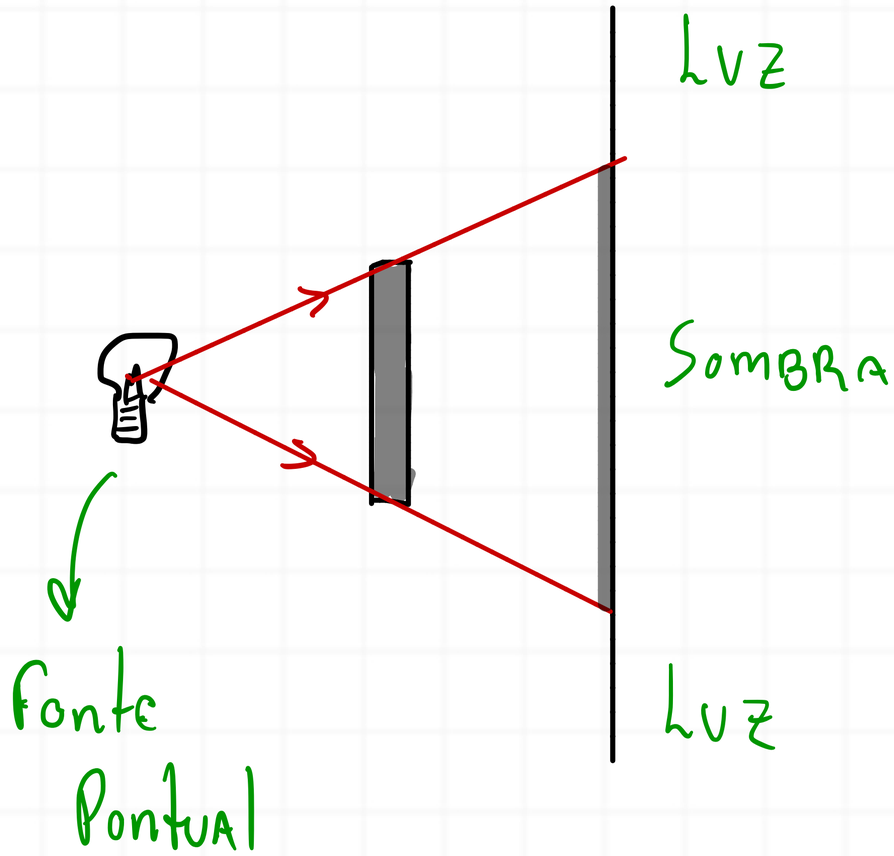
a) Reversibilidade dos Raios Luminosos

b) Independência dos Raios Luminosos

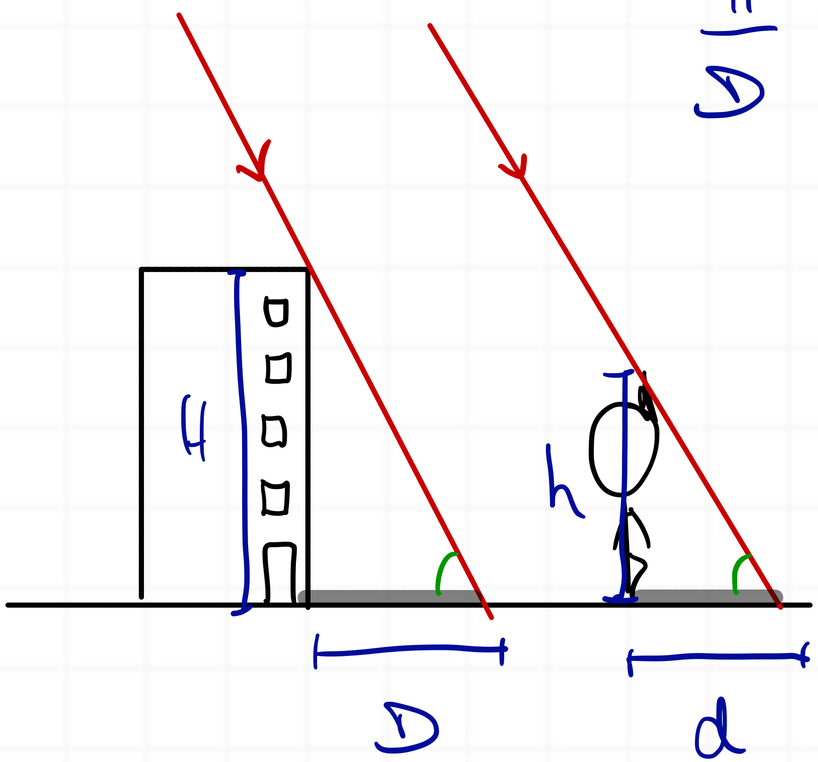
c) Propagação Retilínea dos Raios Luminosos

03. Aplicações da Propagação Retilínea

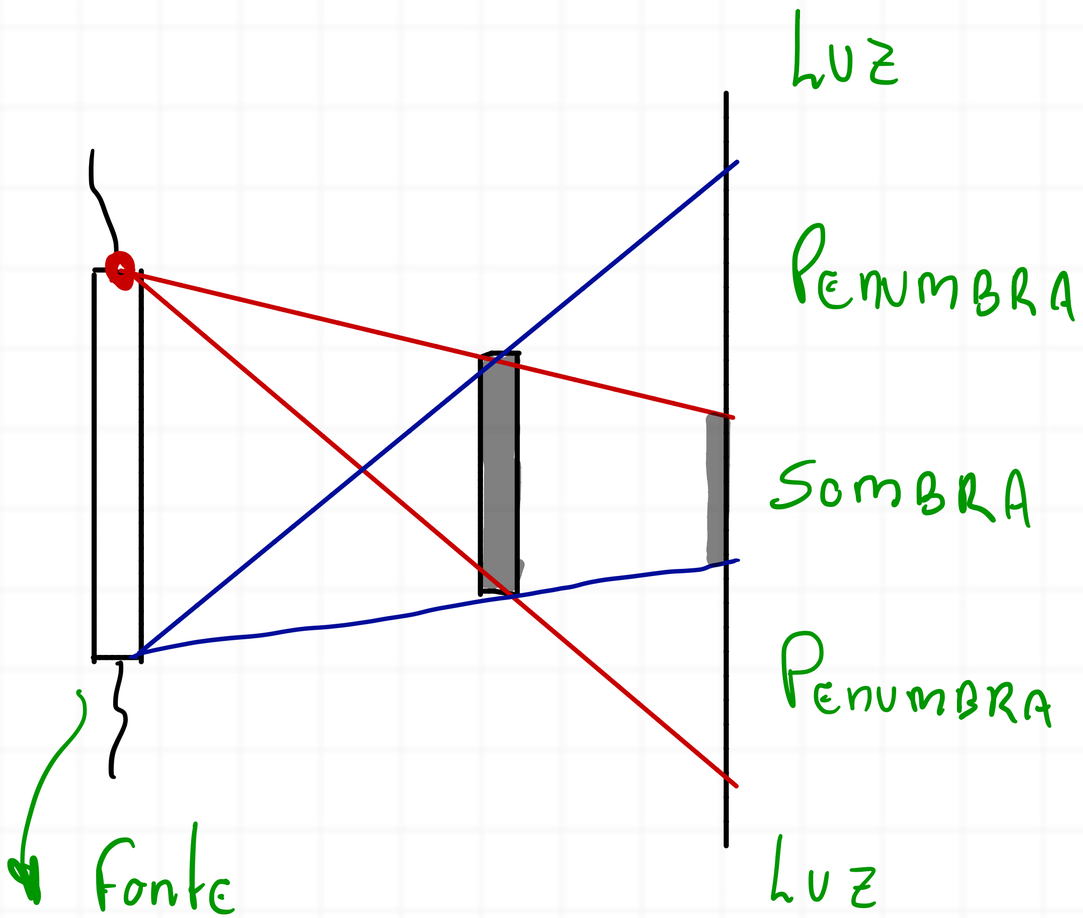
A) Formação de Sombra



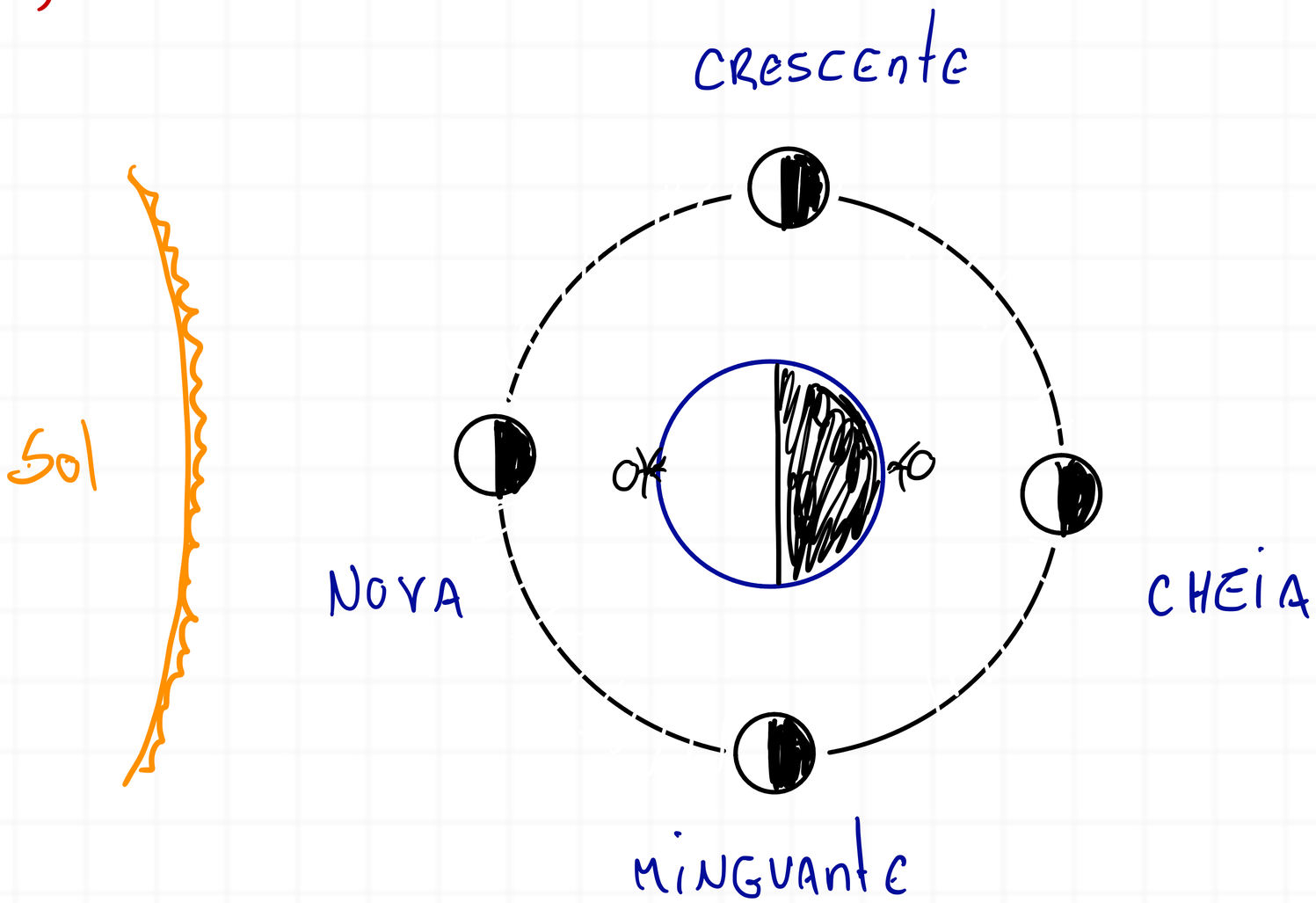
$$\frac{H}{D} = \frac{h}{d}$$



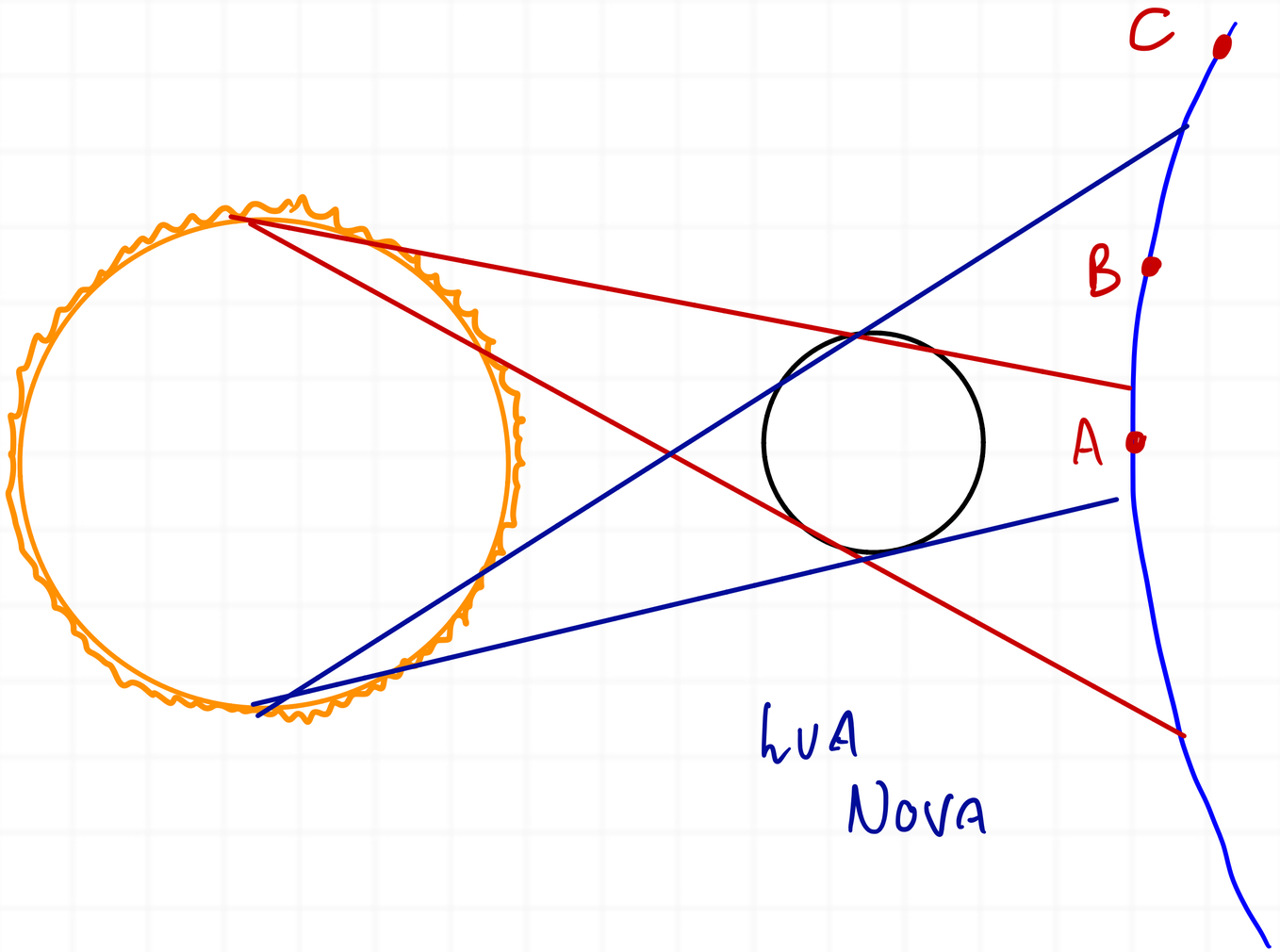
B) Formação de Penumbra



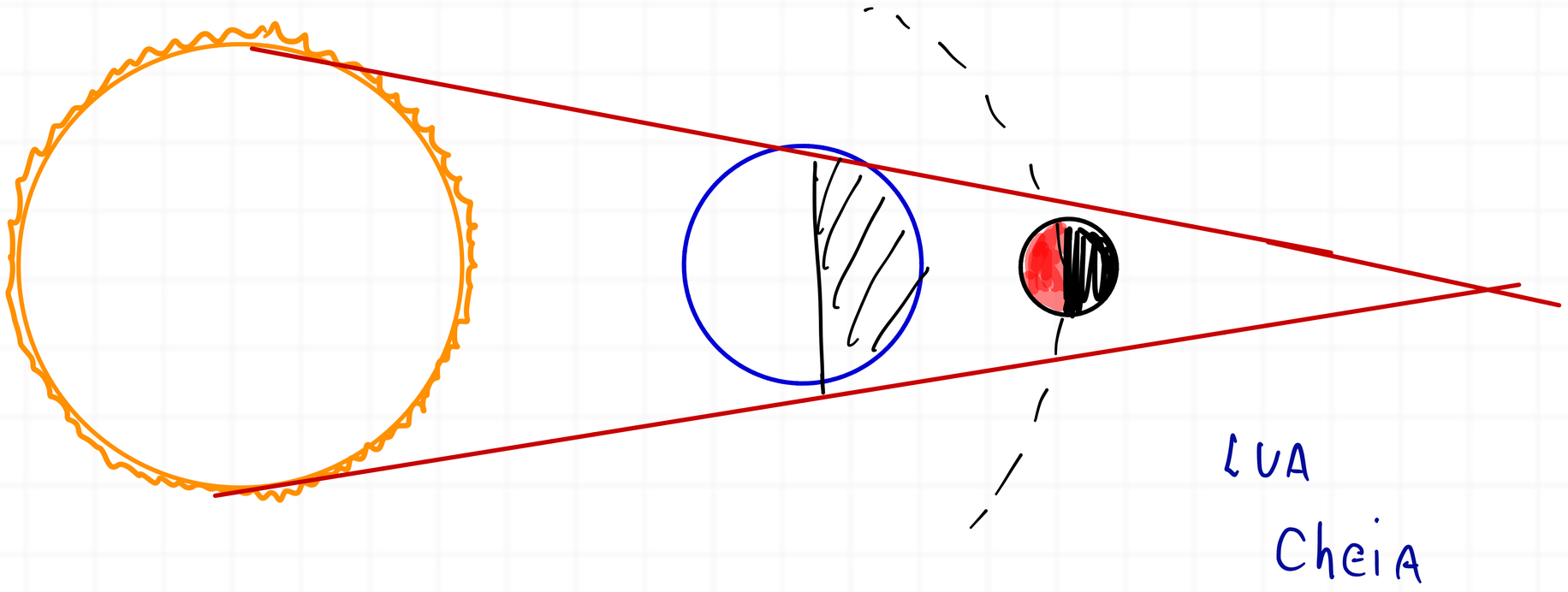
c) FASES DA LUA



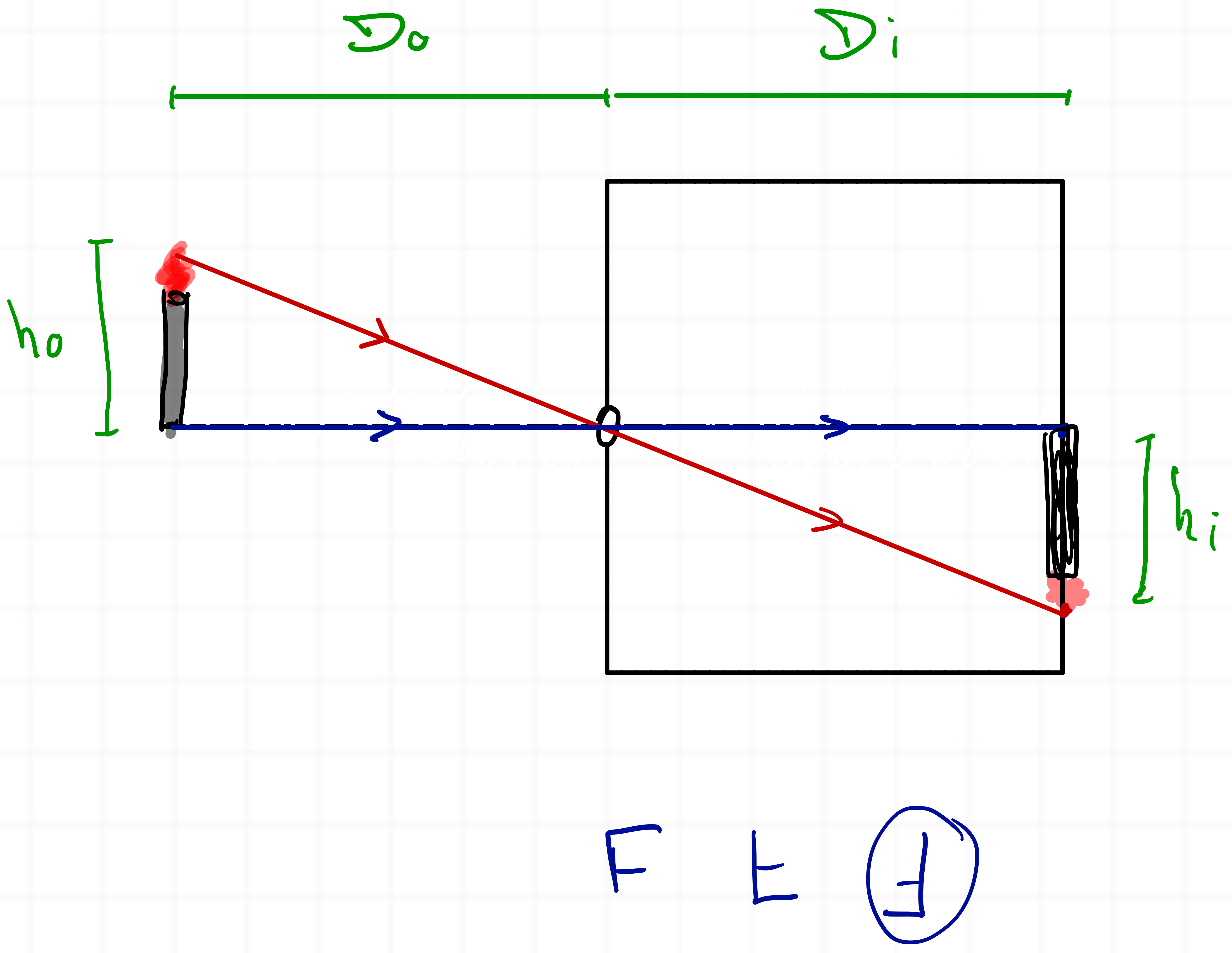
d) Eclipse Solar



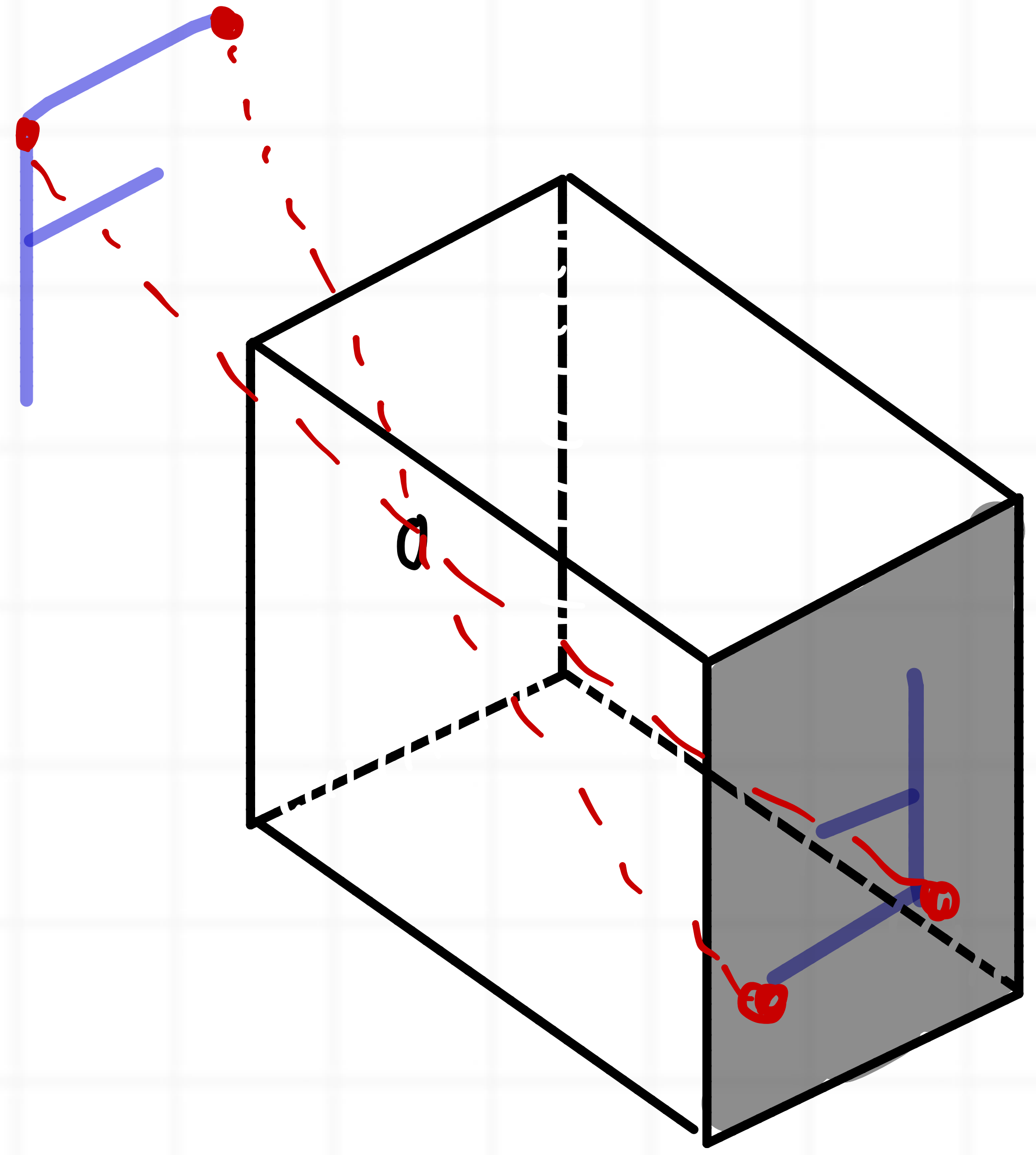
E) Eclipse lunar



F) Câmara Escura com Orifício



$$\frac{h_i}{h_o} = \frac{D_i}{D_o}$$



MODO TURBO | B

03. As cores da Luz

A) Cores Primárias

Vermelho Verde Azul

(RGB)

B) Cores Secundárias

Vermelho + Azul = Magenta

Vermelho + Verde = Amarelo

Verde + Azul = Ciano

C) Luz Branca

Todas as cores

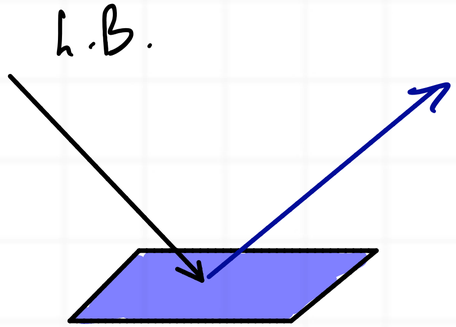
ou

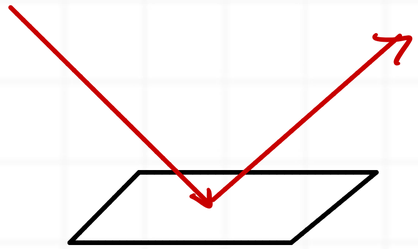
Vermelho + Verde + Azul

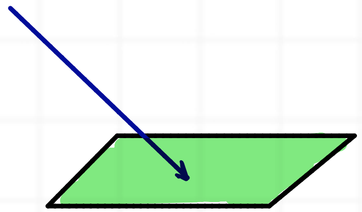
D) Preto

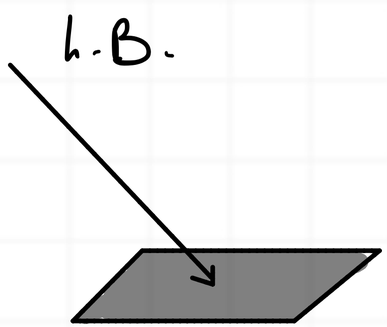
Ausência de luz

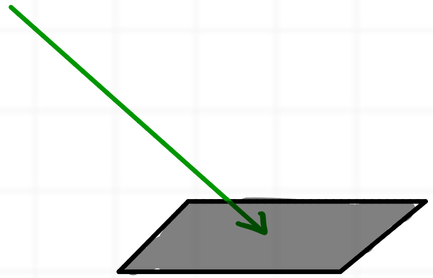
04. Reflexão Seletiva











05. Transmissão Seletiva