6 octombrie 2023 SEMINAR 1:

 Σ -suprefeta de separație între 2 medii transparente A, I, B - colineare dacă $n_1 = n_2$

* Legea reflexioi si refraction puo suprafata plana

$$n_1$$
 sin $i_1 = n_2$ sin $i_2 = n_3$ sin $i_3 = 3$. a. m.d. = constant

 $540 \frac{\sin i_1}{\sin i_2} = \frac{n_2}{n_1}$ (acclasi lucru)...)

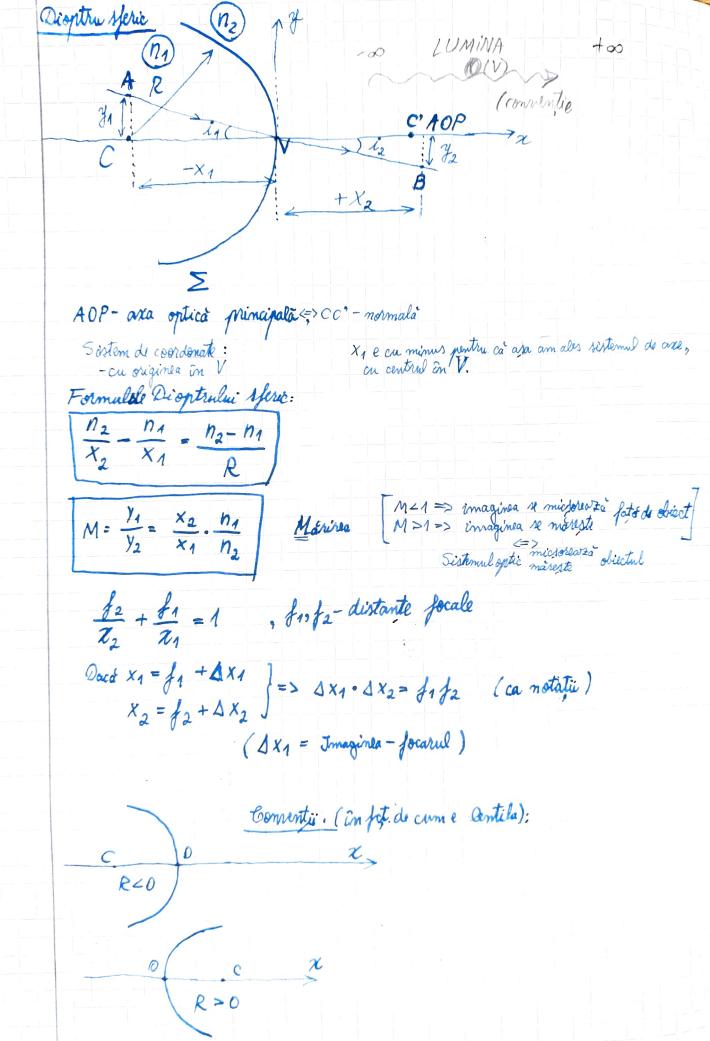
Ai - ravea incidenta in unghi de incidenta di B - ravea refractata in 2 - ungho de refractie

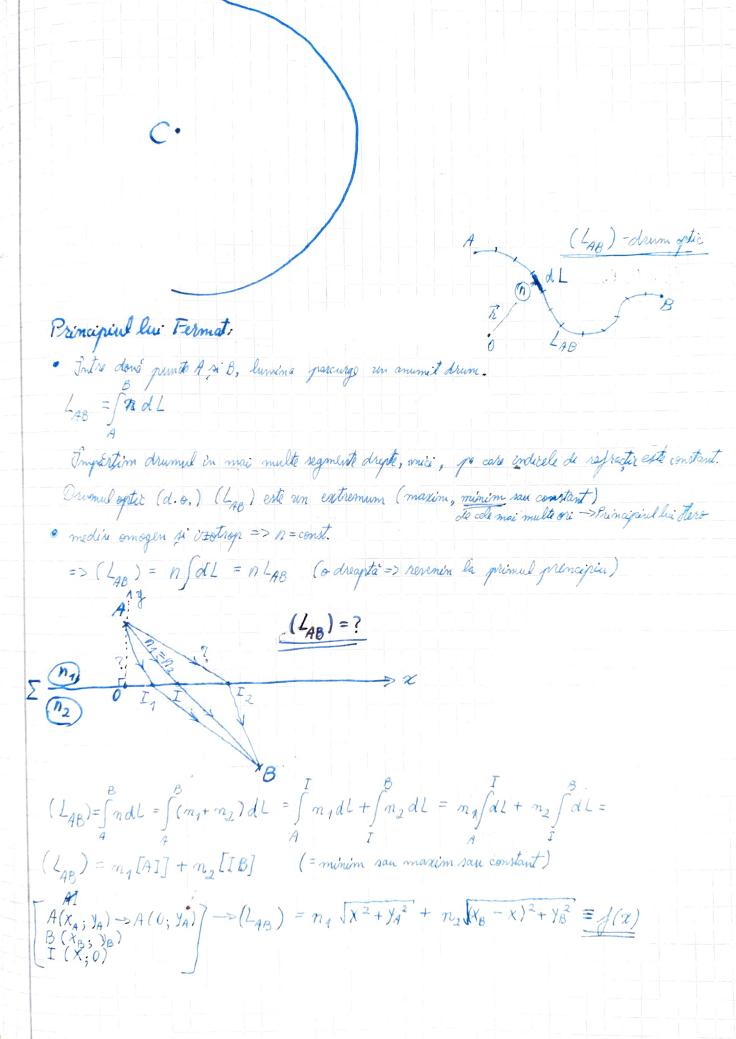
10 - raza reflectata i - unghi de reflexie

(1) $n_2 = -n_1$ (formal) Minusul arato "intoarcerea" razzei.

=> sin $i_1=-$ sin i_1

Dioptru = 2 medii ou indici de refractie diferiti (ou o suprafaté de) E = plan sau sferic





$$(2a_0) = \sqrt{(x)} = n_1 \sqrt{x^2 + y_1^2} + n_2 \sqrt{(x_0 - x)^2 + y_0^2}$$

$$\frac{d \int (x)}{dx} = n_1 \sqrt{\frac{2x}{x^2 + y_0^2}} + n_2 \sqrt{(x_0 - x)^2 + y_0^2}$$

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