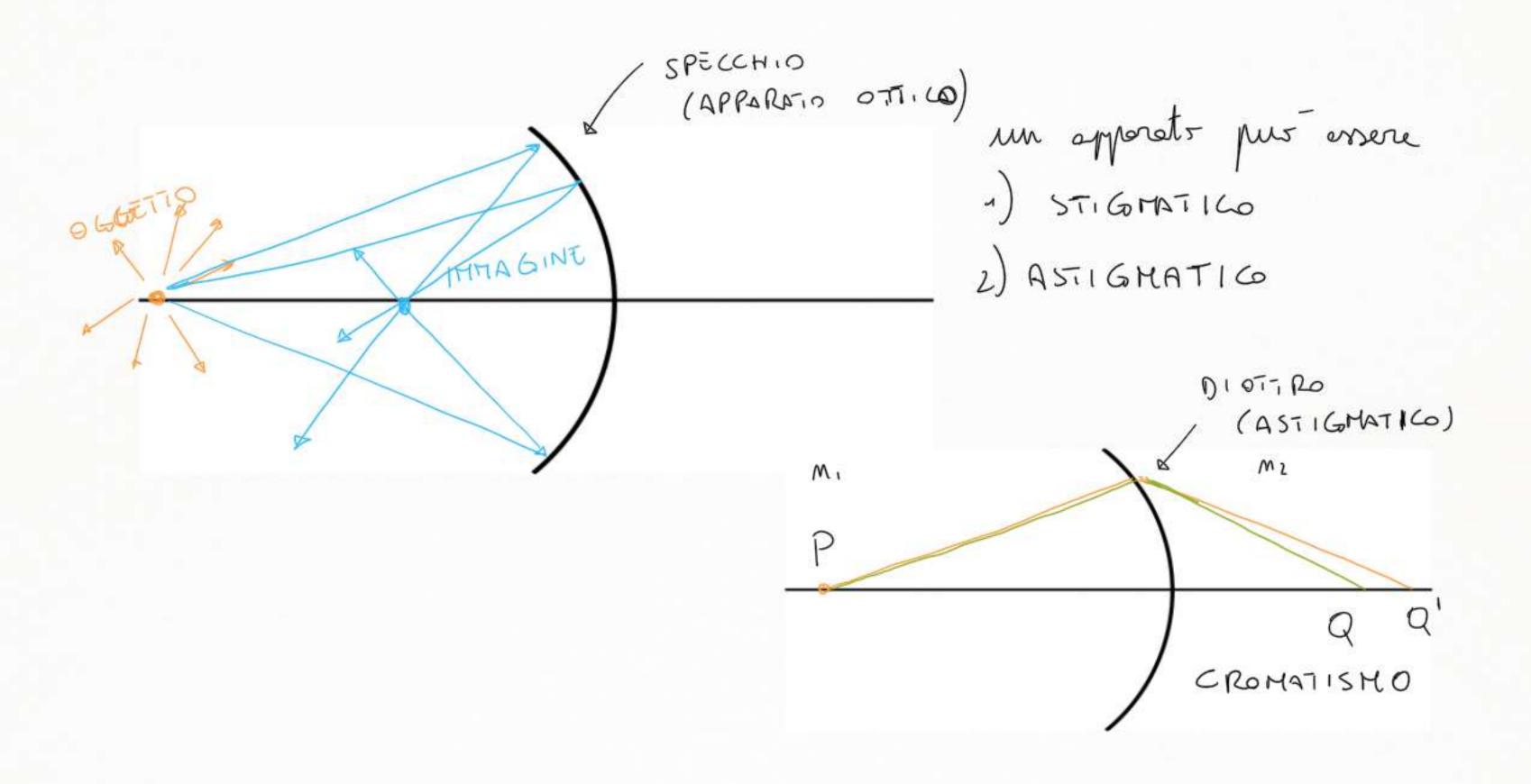
$\theta_1 = \theta_2$ 4 non depende doch under de nf. M_1 $nn\theta_1 = M_2$ $nin\theta_1$ 4 depende doch under de nf M_2 M_3 M_4 M_4 M_4 M_5 M_6 M_6

TICA GEOMETRICA

$$W = \frac{2}{c}$$

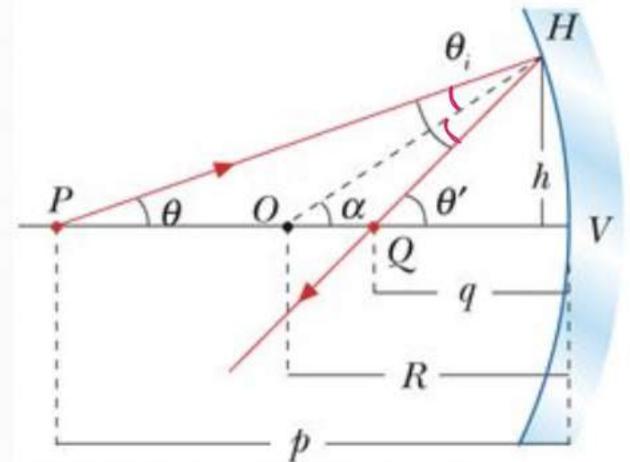
$$M = W(y)$$

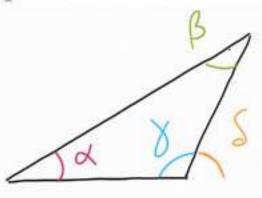
- 1) SPECCHI (superfra cotrottiche), 100%, RIFLESSIONE
- 2) DIOTTRI, 100% TRASMISSIONE



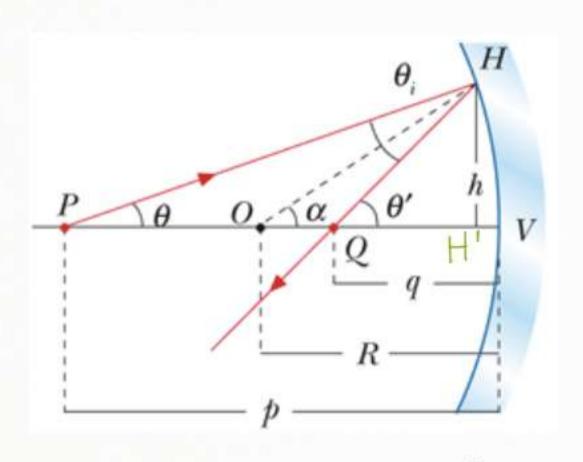
In questo cor d'regnoto CONGVA CONVESSA péso se Palla sinstre de V q e z o re Rolle destre de V Riso se al centroli curno ture i olle destre di V

SPECCHIO CONCAVO





O ongob tre reggis dell'oggetts e l'asse O. angelt de incondense () enget tre reger riflesse e l'asse danst tre le normale e l'arre applichans il nostro "terremo" a PHO e OHQ $\alpha = \theta + \theta_{\lambda}$ $\theta' = \alpha + \theta_{\lambda}$ $\theta' = \alpha + \theta_{\lambda}$ $\theta' = 2\alpha$



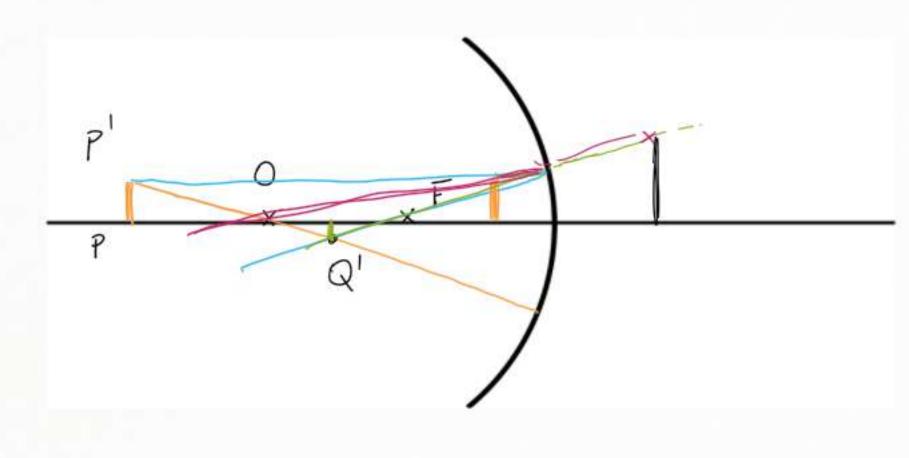
 $h \approx PV t_8 \theta \approx |p|\theta = p\theta$ $h \approx |q|\theta' = -q\theta'$ $h \approx |R|\alpha = -R\alpha$

$$\frac{h}{p} - \frac{h}{q} = -\frac{2h}{R} + \sum_{q} \frac{1}{p} - \frac{1}{q} = -\frac{2}{R} \quad \text{lequidally represente}$$

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$$\frac{h}{p} - \frac{h}{q} = -\frac{2h}{R} + \sum_{q} \frac{1}{q} - \frac{2h}{R} + \sum_{q} \frac{1}{q} - \frac{2h}{R$$

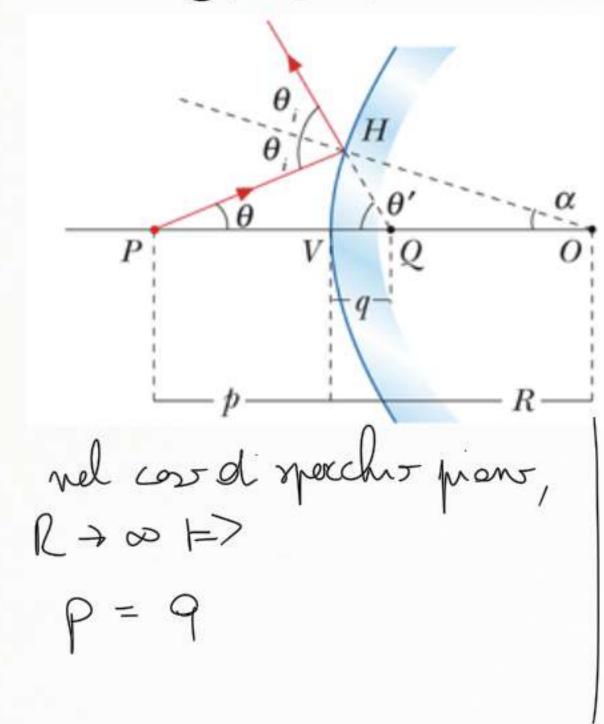


1) 2 rimprecablita 2) 2 coporolta Quando Pn trova oltre F: 1) 2 virtuale

2) Éingrandhte

3) & doutte

SPECCHIO CONVESSO



LEGGE DI SNELL

 $M, nn\theta_{i} = M_{i}nn\Theta t$ $M_{i} \theta_{i} \approx M_{i} \theta_{t} \Rightarrow \theta_{t} = \frac{M_{i}}{M_{i}} \theta_{i}$ $\begin{cases} \theta_{i} = \theta + \alpha \\ \alpha = \theta' + \theta_{i} \end{cases}$

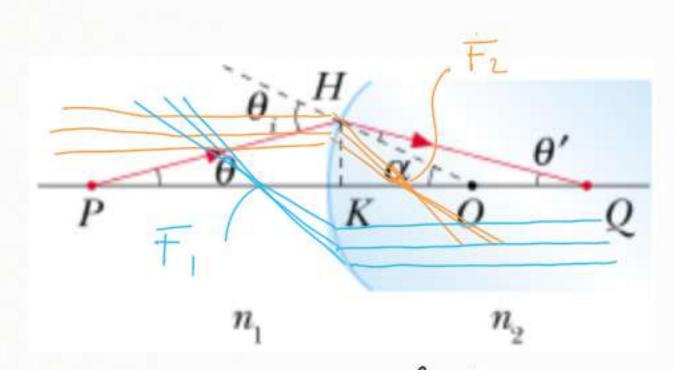
$$\left\{ \theta_{i} = \theta + \infty \right.$$

$$) \propto = \Theta' + \Theta t$$

$$(m_2-m_1) \times = m \cdot \theta + m_2 \theta' = >$$

$$\frac{M_1}{P} + \frac{M_2}{9} = \frac{M_2 - M_1}{R}$$

 $\frac{M_1}{P} + \frac{M_2}{9} = \frac{M_2 - M_1}{R}$ eq. del distro speries converso



l'eg travots à volude ande per i distri

$$\frac{M_1}{P} + \frac{M_2}{Q} = \frac{M_2 - M_1}{R}$$

Se $p = \infty \rightarrow 9\infty = \frac{m_z R}{m_z - m_z} = f_2$ f_z i la drittoure tre Veul Juso portenore

Se $q = \infty \rightarrow P\infty = \frac{m_1 R}{m_2 - m_1} = f_1$ f_1 & le distance tre V & al flow anteriore In generale $f_1 = f_1(A)$, $f_2 = f_2(A)$

ARIA

ARIA

ARIA

$$M_1 + \frac{m_2}{q_1} = \frac{m_2 - m_1}{R_1}$$

ARIA

 $\frac{m_1}{p_1} + \frac{m_2}{q_2} = \frac{m_1 - m_2}{R_2}$
 $\frac{m_2}{p_2} + \frac{m_1}{q_2} = \frac{m_1 - m_2}{R_2}$
 $\frac{m_1}{p_2} + \frac{m_1}{q_2} = \frac{m_1 - m_2}{R_2}$
 $\frac{m_1}{p_2} + \frac{m_1}{q_2} = \frac{m_1 - m_2}{R_2}$
 $\frac{m_1}{p_2} + \frac{m_1}{q_2} = \frac{m_1 - m_2}{R_2}$
 $\frac{m_1}{p_1} + \frac{m_1}{q_2} = (m_2 - m_1) \left(\frac{1}{R_1} - \frac{1}{R_2}\right)$
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 $\frac{m_1}{p_1} + \frac{m_1}{q_2} = (m_2 - m_1) \left(\frac{1}{R_1} - \frac{1}{R_2}\right)$
 $\frac{m_1}{p_1} + \frac{m_2}{q_2} = \frac{m_1 - m_2}{R_2}$

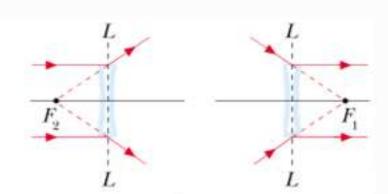
$$\frac{M_1}{P_1} + \frac{M_1}{q_2} = (M_2 - M_1) \left(\frac{1}{R_1} - \frac{1}{R_2} \right)$$

$$Ne \quad P_1 = \infty \qquad \frac{1}{q_2} = \frac{M_2 - M_1}{M_1} \left(\frac{1}{R_1} - \frac{1}{R_2} \right) = \frac{1}{f}$$

$$Ne \quad q_2 = \infty \qquad \frac{1}{P_1} = \frac{M_2 - M_1}{M_1} \left(\frac{1}{R_1} - \frac{1}{R_2} \right) = \frac{1}{f} \left[\frac{1}{f} \right] = distrie$$

$$L$$
 F_2
 F_1
 L

(a) lente convergente



(b) $\frac{1}{f} < 0$ lente divergente

ABERRAZIONE CROMOTICA

