RESUM DE FÓRMULES D'ÒPTICA GEOMÈTRICA

$$\frac{n'}{x'} - \frac{n}{x} = \frac{n'-n}{r} = \frac{n'}{f'} = -\frac{n}{f} \qquad \text{(DIOPTRES)}$$

$$G = \frac{y'}{y} = \frac{nx'}{n'x}$$

$$K = \frac{\omega'}{\omega} = \frac{x}{x'}$$

$$\frac{1}{x'} + \frac{1}{x} = \frac{2}{r} = \frac{1}{f'} = \frac{1}{f} \qquad \text{(MIRALLS)}$$

$$G = \frac{y'}{y} = -\frac{x'}{x}$$

$$K = \frac{\omega'}{\omega} = \frac{x}{x'}$$

$$\frac{1}{x'} - \frac{1}{x} = (n-1)\left(\frac{1}{r_1} - \frac{1}{r_2}\right) = \frac{1}{f'} = -\frac{1}{f} \qquad \text{(LENTS)}$$

$$G = \frac{y'}{y} = \frac{x'}{x}$$

$$K = \frac{\omega'}{\omega} = 1$$

$$XX' = ff' \qquad \text{(GENERAL)}$$