Exercice nº21: Francze achromatique

(a) Déja fait.
$$S(x) = \frac{ax}{8/2} + (1-m)e$$

(2)
$$p=0 \Rightarrow \frac{ax}{x} = \frac{(m-1)e}{x} = \frac{(m-1)e}{x}$$

(3)
$$\int_{1}^{\infty} M_{o} + \frac{A}{\lambda^{2}} \qquad M_{o} = 1.5 \text{ et } A = 0.00605 \text{ pm}^{2}$$
 $T_{1}T_{2} = 3 \text{ mm}$
 $S_{2}' = 1 \text{ m}$
 $e = 10 \text{ pm}$

$$P = \frac{S(a)}{\lambda} = \frac{ax}{282} + (1-m)e.$$

$$=) \quad x = \left[p^{\lambda} + (m-1)e \right] \frac{g'_{2}}{a} \Rightarrow x = \left[p^{\lambda} + (m_{0} + \frac{A}{\lambda^{2}} - 1)e \right] \frac{g'_{2}}{a}$$

(4)
$$\frac{dx}{dx} = 0 \Rightarrow \frac{d}{dx} \left[p^{\chi} + (m-1)e \right] = 0$$

$$=) P + e \frac{dn}{d\lambda} = 0 \Rightarrow P + e2l - A = 1 P = eA = 73$$

$$\lambda = \left(\frac{2eA}{P}\right)^{4/3} = 0,494 \text{ pm}$$

$$\lambda = \left[\frac{\lambda}{P} + \left(m_0 + \frac{A}{P} - 2\right)e\right] \frac{3/2}{a}$$

$$\lambda = \left[\frac{\lambda}{P} + \left(m_0 + \frac{A}{P} - 2\right)e\right] \frac{3/2}{a}$$

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order it be francy quari-start.