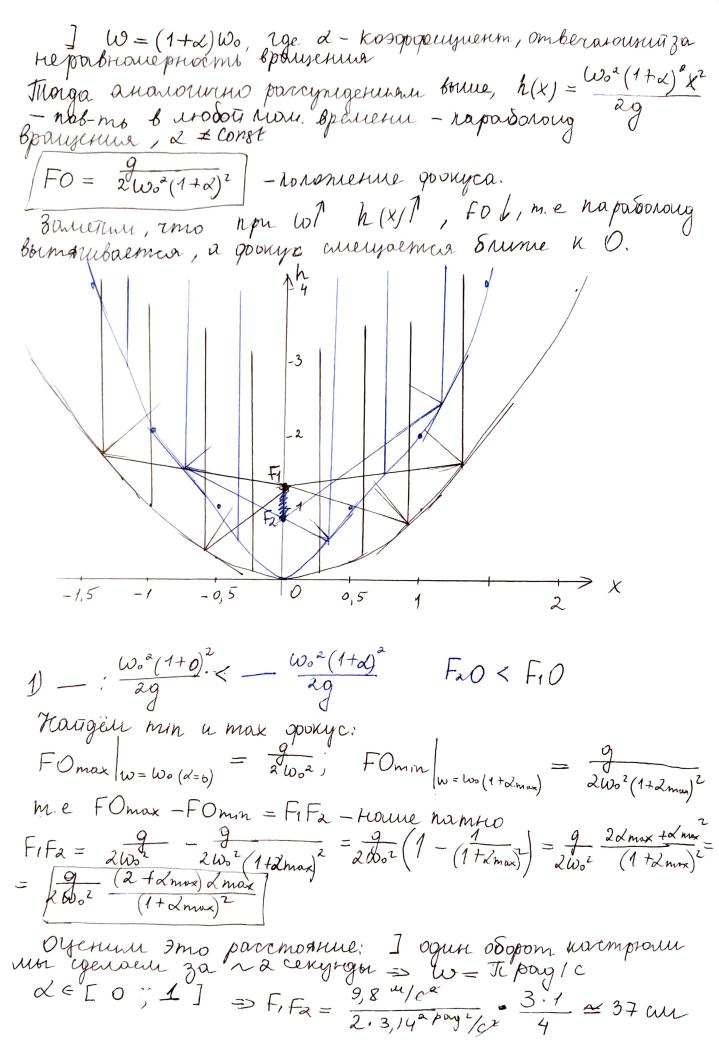
Парабоническое зеркано из ртупи chorogran nobepxhocms ≥ L pabhogei do. $tg\alpha = \frac{w^2k}{g}$ С други стороны, $tg\alpha = \frac{2}{3x}h(x) = 3$ $\rightarrow x \qquad \frac{d}{dx}h(x) = u$ $\Rightarrow h(x) = \frac{\omega^2 x^2}{2g} + C$, $1ge\ C = h(0)$ The perfection karano koopginam b m. O, norgania $h(0) = C = 0 \Rightarrow$ $h(x) = \frac{w^2 x^2}{29} \Rightarrow \text{ceremie hob-min prymin nuocuocusto} \times Oy - 7mo$ haporborou $h(x) = \frac{w^2 x^2}{29} \Rightarrow \text{hob-ms prymin eems haporboroug}$ brains $h(x) = \frac{w^2 x^2}{29} \Rightarrow \text{hob-ms prymin eems haporboroug}$ 8 payetien Harigen goonge: $FO = h(X_0) - KF = \frac{\omega^2 X_0^2}{2g}$ $FO = \frac{\omega^2 x_0^2}{29} + \frac{x_0}{t_{92d}} \in$ $\frac{\omega^2 x o^2}{2g} + \frac{g^2 - \omega^4 x o^2}{2\omega^2 g} = \frac{\omega^2 x o^2}{2g} + \frac{g}{2\omega^2} - \frac{\omega^2 x o^2}{2g} = \frac{g}{2\omega^2}$ FO \(\forall \((\times \) \(\rightarrow \) Bre nyon, ragascusue rapontulentro, reservent l'F \(\rightarrow \) FO = 9/2102 goonye Про аберрации:
- соеригеской нет (пароболоно)
- хронатической нет (зеркано) мерид.

 $\Delta y' = f(y_1, m, M)$ $\Delta y' = \Delta y_{LE} + \Delta y_{T} + \Delta y_{T} + \Delta x_{LE} + \Delta x_$

Burene hopagner (mpyyria b nogerimos) $\Delta y_{III} = Am(m^{\alpha} + M^{2}) + By_{1}(3m^{2} + M^{2}) + Cy_{1}^{2}m + Ey_{1}^{3}$ $\Delta x_{III} = AM(m^{2} + M^{2}) + 2By_{1}mM + By_{1}^{2}M$ He zab. om lx. yra



Ann = 1,2 7 lmin 2 1,22 7 71 25 hu- Hours Hurero he => lmin ~ 0,5.10-2 mm ~ 10-2 mm Me ham hypitio branjamb max, moder un inviore zamethin: $F_1F_2 \sim 10^{-2}$ lun $\sim 10^{-5}$ m: $abo_2 = \frac{(2+2mo_2)dmo_2}{(1+dmo_2)^2} \sim 10^{-5}$ me $bo_1 \sim 10^{-5}$ m. $\frac{(2+d_{\text{max}})d_{\text{max}}}{1+d_{\text{max}}} \sim \frac{10^{-5}}{7}. \qquad 10^{-5} + 10^{-5}d_{\text{max}} = 2d_{\text{max}} + 2m_{\text{max}}^{2}$ Linex + dmox(2-10-5) -10-5=0 2 mox 2-2 2 mox 2 5.10-6 cm e bpanjaen normu normogretio.

12 (2+2) √m. 1 Te umorobare goophyra: FiFz=20002 (2+2mox) 2mox), rge 2mox - kosgo. The garrismum we unimepriema, more obpadamentalem uzoopamenue za 13 locenyng. Pacerumaem horya $\frac{dd}{dt}$, marce, rmober ren. was the $\frac{1}{2}$ amenum adeppayori: $fO_1 = \frac{2}{2} \frac{d^2}{dt} (1+d_1)^2 ; \quad fO_2 = \frac{2}{2} \frac{d^2}{dt} (1+d_2)^2 \Rightarrow \int_{1}^{2} \int_{1}^{2} \int_{1}^{2} \frac{d^2}{dt} (1+d_1)^2 (1+d_2)^2 = \frac{1}{2} \frac{d^2}{dt} (1+d_1)^2 (1+d_2)^2 (1+d_2)^2 = \frac{1}{2} \frac{d^2}{dt} (1+d_1)^2 (1+d_2)^2 (1+d_2)^$ $\frac{(dz-d_1)(dz+d_1+2)}{(1+d_1)^2(1+d_1)^2} \sim 10^{-4} \Rightarrow (dz-d_1)(dz+d_1+2) \sim 10^{-4} \Rightarrow 10^{-4} \Rightarrow$ $\Rightarrow \Delta \propto \sim 10^{-4} - 3 mo ga \Delta t \sim 10^{-2} C \Rightarrow \Delta \propto \sim 10^{-2}$ Trosmony enopee beero pou namen repalnonepron Branzenium buginne adeppaisium Sygym.

Ф спитаем, что стотрим близно и иметрголе = изображение поступает в тог почти почтовения