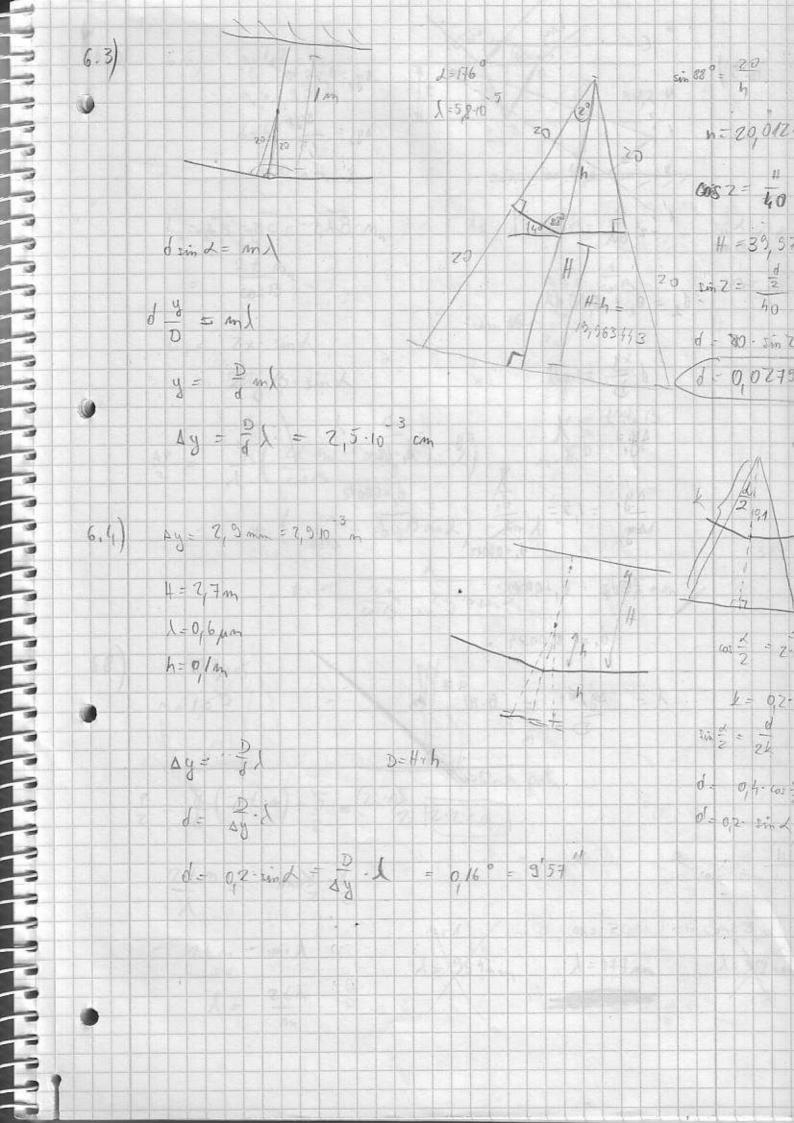
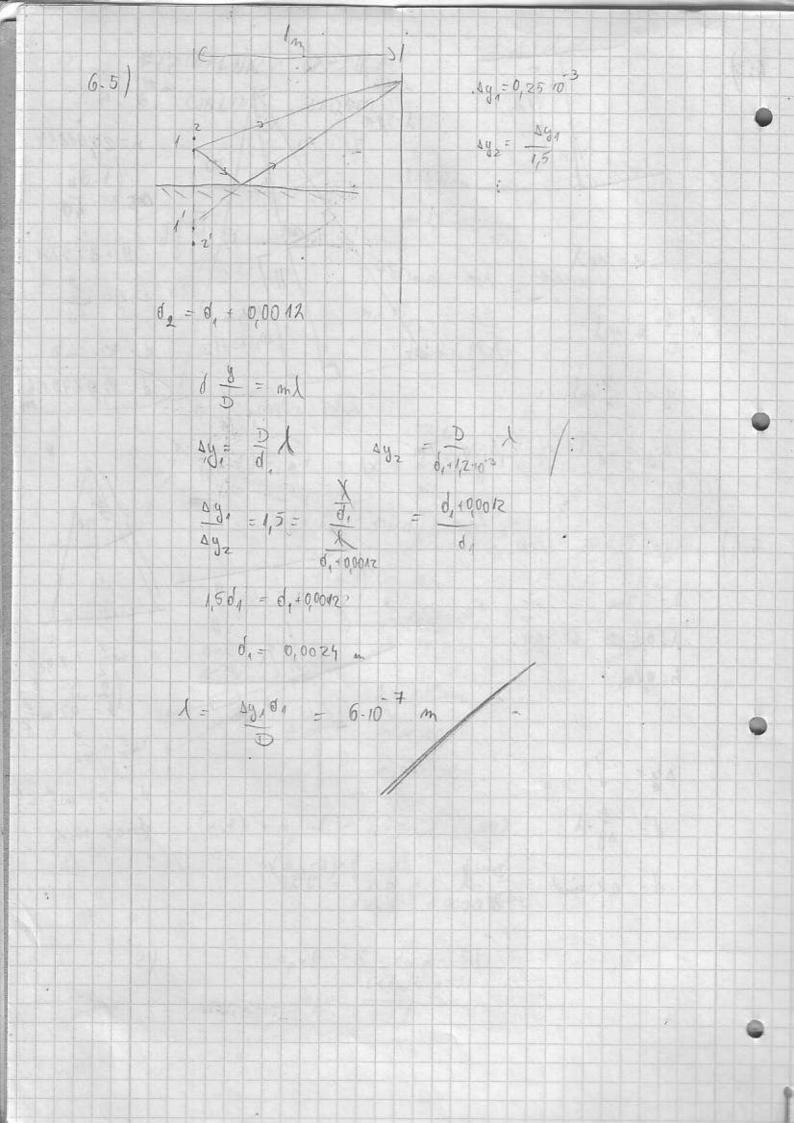
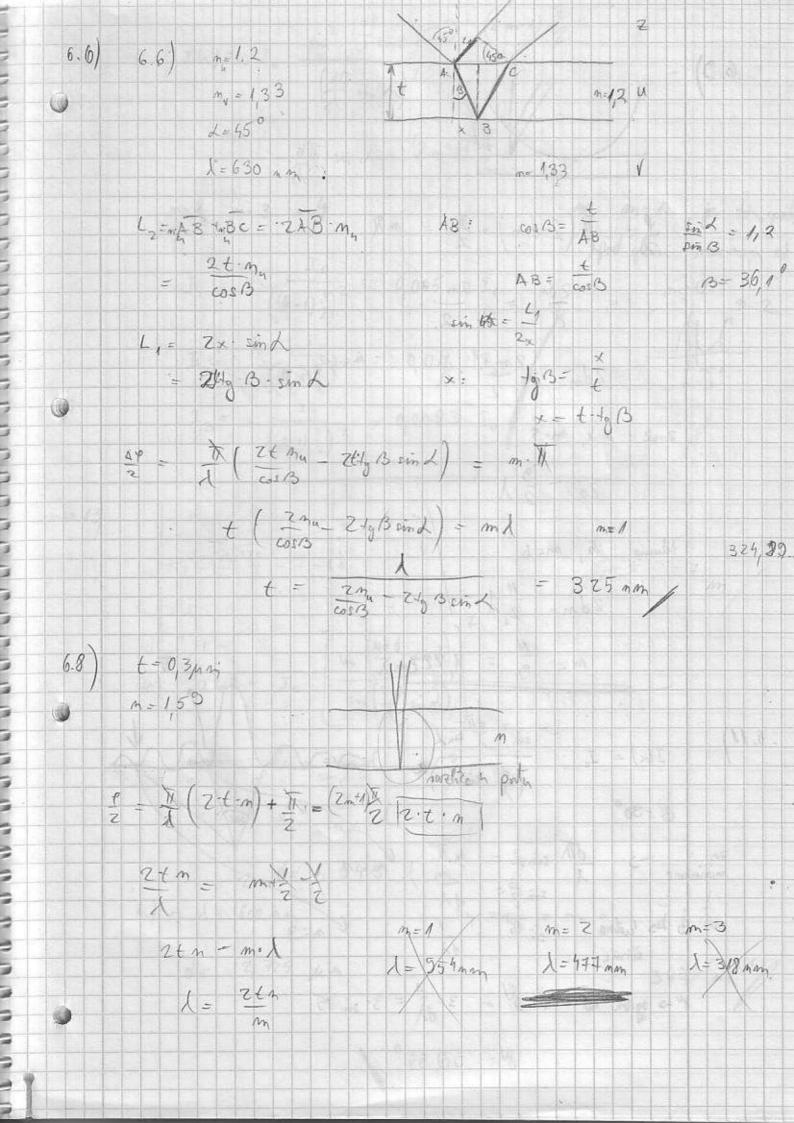
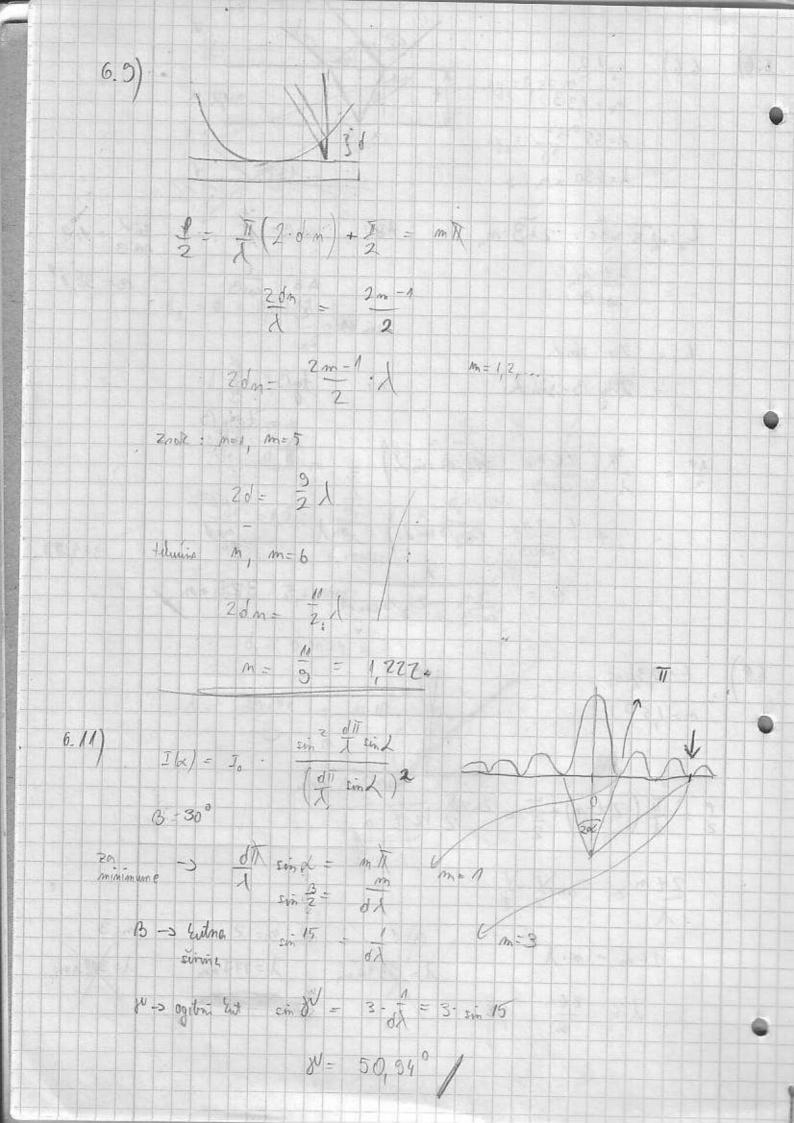
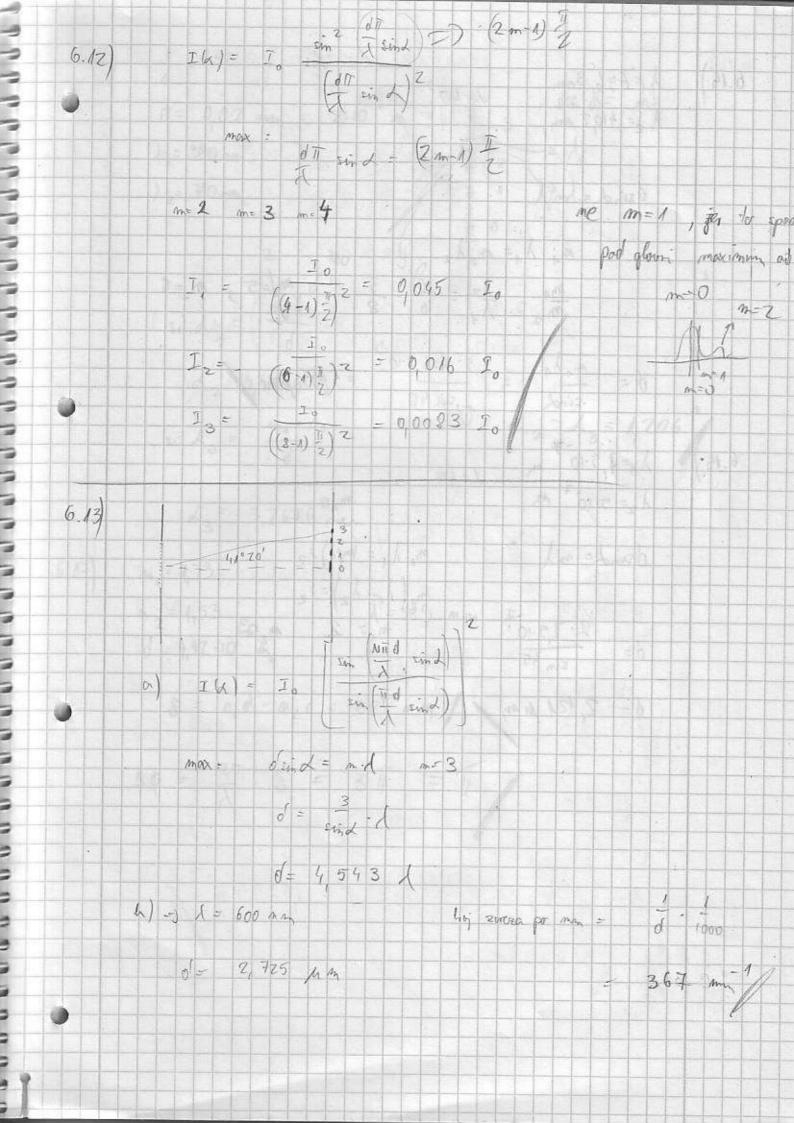
FIZIVALNA OPTIKA 6. CJELINA , ZADACI: 6-1 1=500 mm n= 1,6 of sind = mil - I maximum dein d= 15) 2. optiele novella putiva [(x+t) + n.t - (x + 6- cin d) = an] t (m-1) - dein d) = m. 1 t(m-1) = 151 t = 15.500.10 = 1,25.10 cm Ein 6.2) 1 = 585 mm my= 20 1) (x-1) + m ...t - x - dind = 20) (m2-1) 1 - 201 = d sind 1 wind = 0,0000 3022 2) np. 6 - 8 - doind = 51

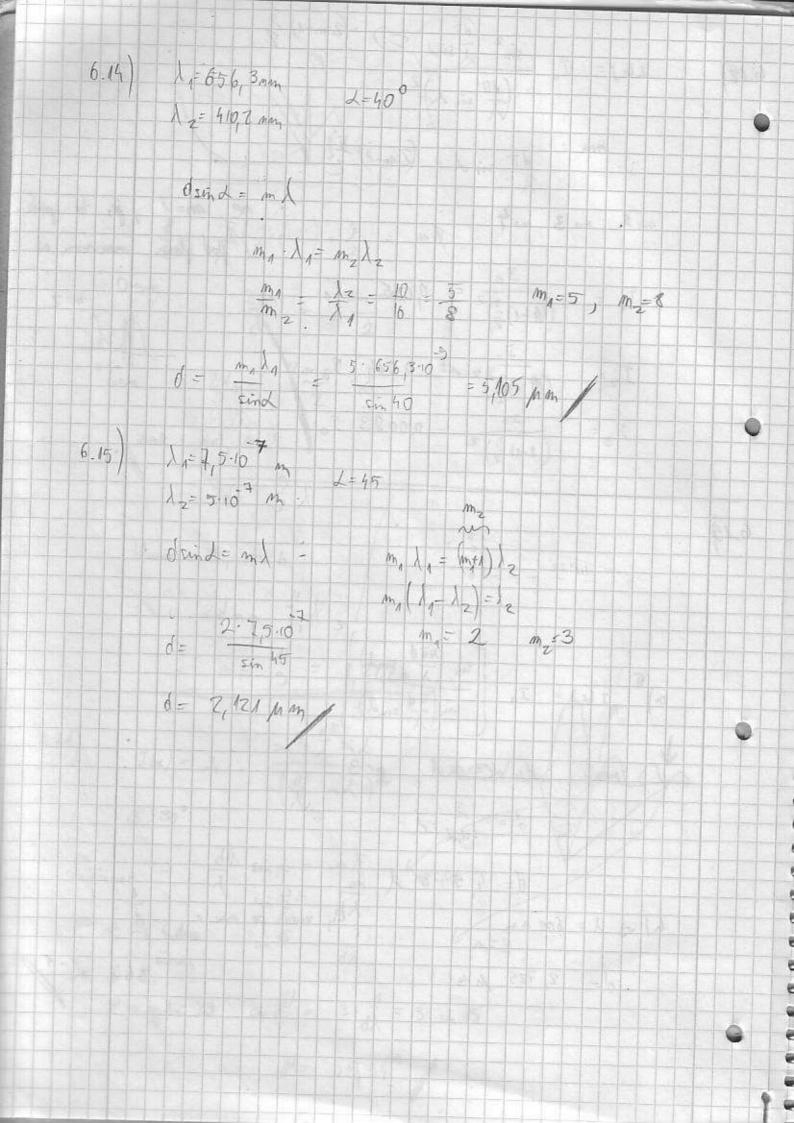


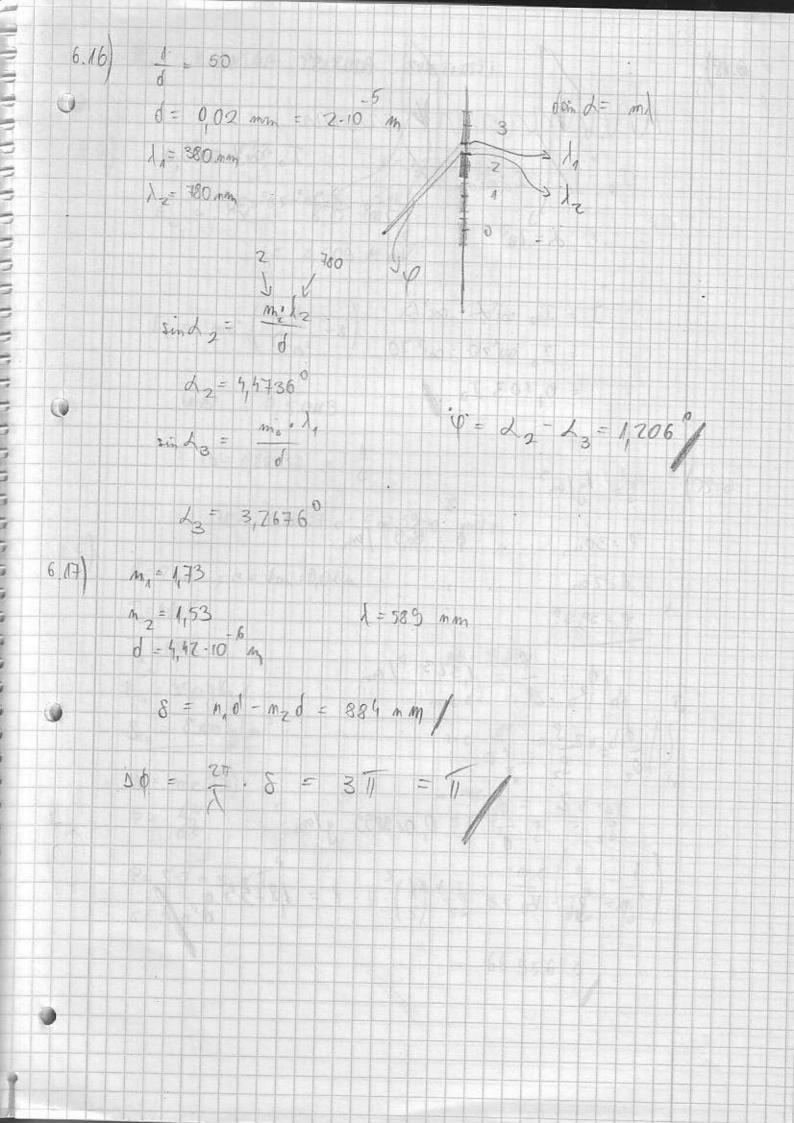


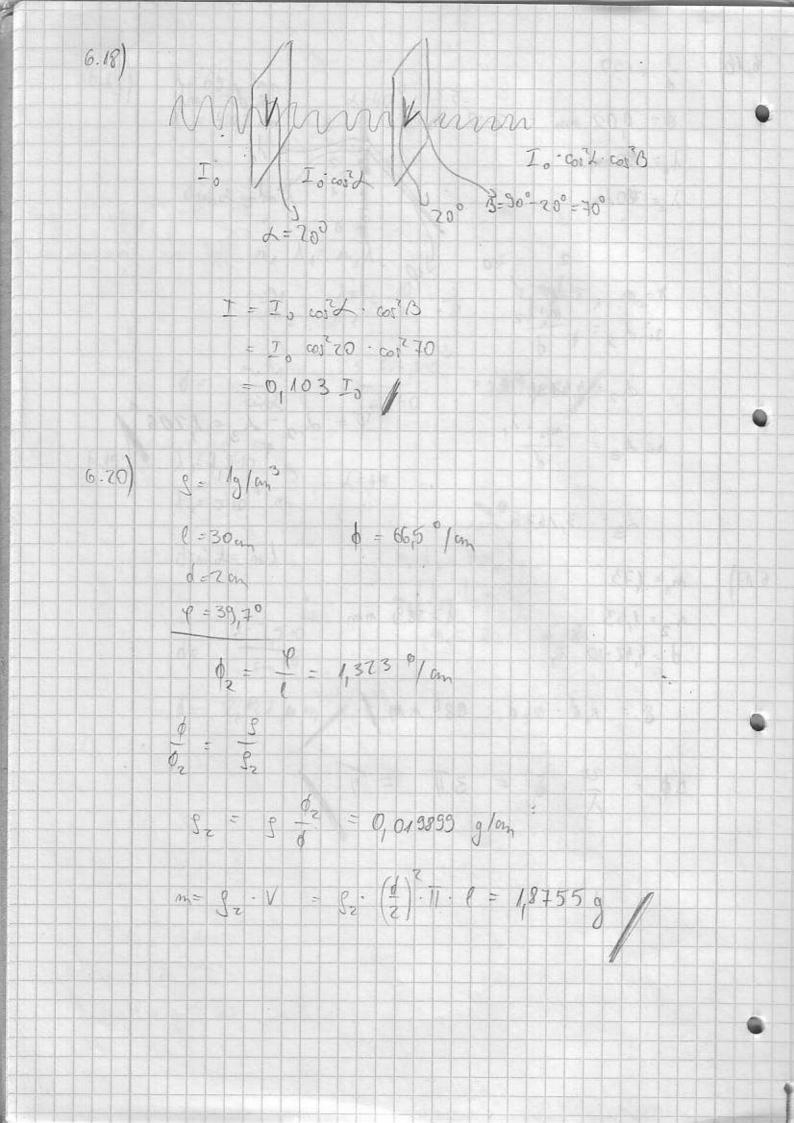


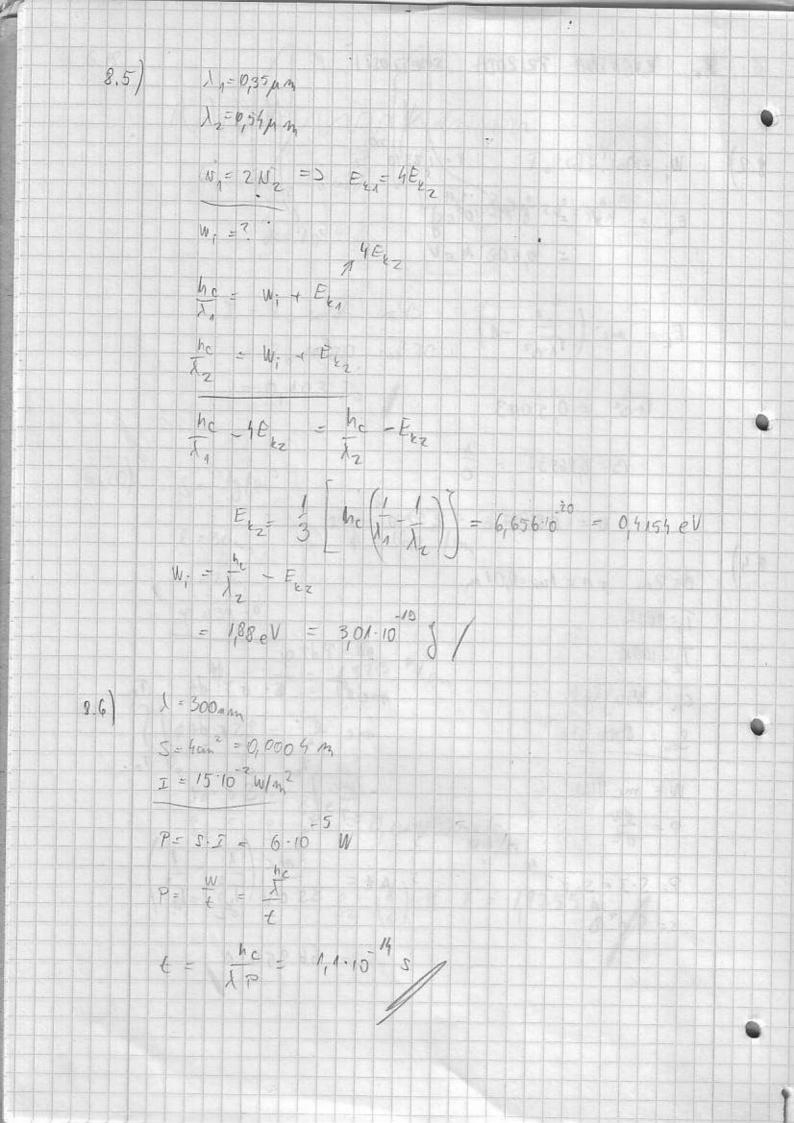










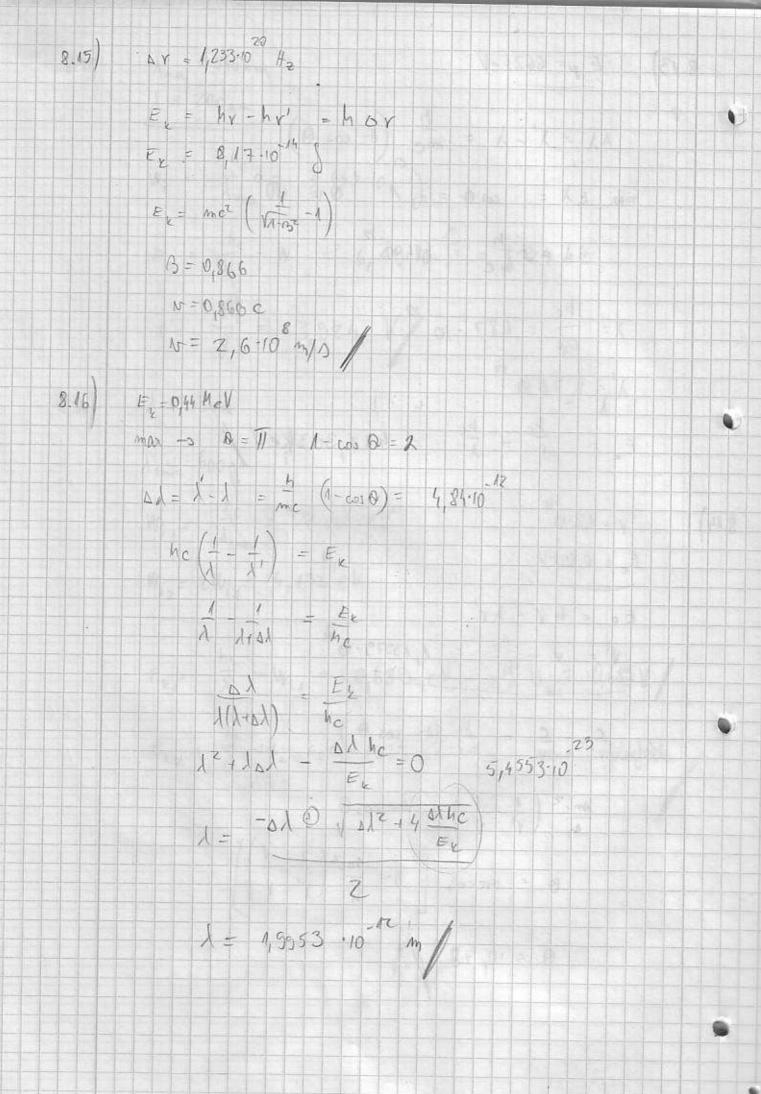


2.19 1 = 545 mm 1 = 200 mm W; = 7 max = 3,645.10 y Ez = 1 - W; + 6,79.10 = 3,924 eV U= = 3,924 V/ 8.11) 1 = 450mm 1 max = 600 mm 1 Win = hc = 2,066 eV Wiz - ZWiz 4,133 eV Ex, = 1 - W11 = 0,685 eV => U= 0,689 V/ Ez= 1-1,377 eV -> meno bitoeleda

8 13)
$$E_{y} = 662 \text{ keV}$$

A $\lambda = \lambda' - \lambda = \frac{h}{mc} (1 - \cos \theta)$

mov. $\Delta \lambda = \cos \theta = -1$ $\theta = 180^{\circ}$
 $\Delta \lambda = 2 \cdot \frac{h}{mc} = \frac{1}{184 \cdot 10} R^{\circ}$
 $\lambda = \frac{1}{583} \cdot \frac{1}{10} \cdot \frac{1}{12}$
 $\lambda = \frac{1}{583} \cdot \frac{1}{12} \cdot$





8.19) $\theta = 90^{\circ}$ $\frac{hc}{\lambda^{1}} = 0,4 \text{ MeV}$ $\lambda^{1} = 3,1.10^{\circ} \text{ m}$ $\lambda^{1} = \lambda^{1} = \frac{h}{mc} \left(1 + \cos 30\right)$ $\lambda = \lambda^{1} - \frac{h}{mc} = 6,73.10^{\circ}$ $\lambda = \lambda^{1} - \frac{h}{mc} = 6,73.10^{\circ}$ $\lambda = \lambda^{1} - \frac{h}{mc} = 1,841^{\circ} \text{ MeV}$