Subiectul D. OPTICA

Nr. item	Soluţie/Rezolvare
III.a.	$\varepsilon = h\nu = h\frac{c}{\lambda}$ Rezultat final: $\varepsilon = 4{,}125 \cdot 10^{-19} J$
b.	$L_{extr} = h\frac{c}{\lambda_0}$ Rezultat final: $L_{extr} = 3{,}3 \cdot 10^{-19} J$
c.	$\frac{hc}{\lambda} = \frac{hc}{\lambda_0} + E_{c,mav}$ $E_{c,\max} = \frac{hc(\lambda_0 - \lambda)}{\lambda_0 \lambda}$ Rezultat final: $E_{c,\max} \approx 0{,}83 \cdot 10^{-19} J$
d.	$eU_f = E_c$ Rezultat final: $U_f \approx 0{,}52V$