Subiectul D. OPTICA

Nr. item	Soluţie/Rezolvare
III.a.	$L_{extr} = h\nu_0$ $\nu_0 = \dfrac{c}{\lambda_0}$ Rezultat final: $3 \cdot 10^{-19} J$
b.	$h\nu = L_{extr} + E_{c\,max}$ $\nu = \dfrac{c}{\lambda}$ Rezultat final: $E_{c\,max} \cong 0{,}36 \cdot 10^{-19} J$
c.	$e \cdot U_{st} = E_{c\,max}$ Rezultat final: $U_{st} \cong 0{,}22 V$
d.	$I = \dfrac{Q}{\Delta t}$ $Q = N \cdot e$ Rezultat final: $\dfrac{N}{\Delta t} = 10^{16}\ electroni/s$