Subiectul D. OPTICĂ

Nr. item	Soluție/Rezolvare
III.a.	$\varepsilon = h\nu = h\frac{c}{\lambda}$ $\varepsilon = 4{,}3 \cdot 10^{-19}\ J$
b.	$L_{extr} = h\frac{c}{\lambda_0}$ $L_{extr} \approx 3{,}4 \cdot 10^{-19}\ J$
c.	$\frac{hc}{\lambda} = \frac{hc}{\lambda_0} + E_c$ $E_c = \frac{hc(\lambda_0 - \lambda)}{\lambda_0 \lambda}$
	$E_{c,\max} \approx 0{,}89 \cdot 10^{-19}\ J$
d.	$eU_s = E_{c,\max}$ $U_s \approx 0{,}56V$