

Numerical Results

Method	Plank's Constant (Js)	Work Function (eV)
Linear Fit High Freq.	$(1.07 \pm 0.37) \cdot 10^{-34}$	0.03 ± 0.175
X-Intercept High Freq.	$(2.04 \pm 0.37) \cdot 10^{-34}$	-0.45 ± 0.175
X-Intercept All Data	$(6.72 \pm 1.40) \cdot 10^{-35}$	0.20 ± 0.06
Actual	$6.63 \cdot 10^{-34}$	2.3

Experimental results differ from known values by at least an order of magnitude (several standard deviations)