Measuring of at BZU using least fit square method Exp7 L=Stel 5 I time required by the penelulum to finish one oscillation · only when G $T(period) = 2\pi \sqrt{\frac{1}{4}}$ is small <15 $\frac{1}{\gamma} = 4\pi^2 \left(\frac{1}{9} \right)^*$ m = (best slope)= 4772 Ag = Am pest slope In T · finding the value of the Stope m, the y- intercept b and their uncertanties m- 4962 using the least square Bit method

Alaa Etaiwi

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