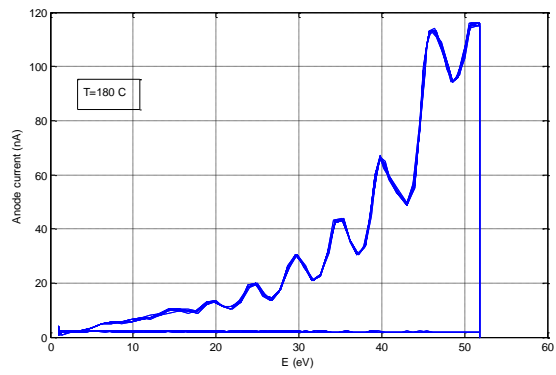
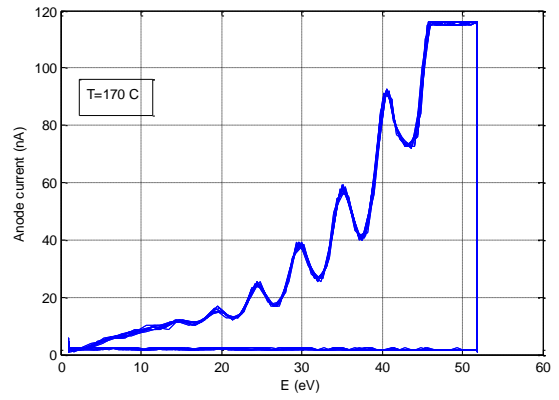
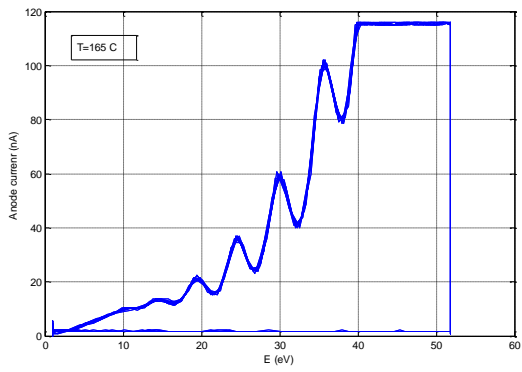
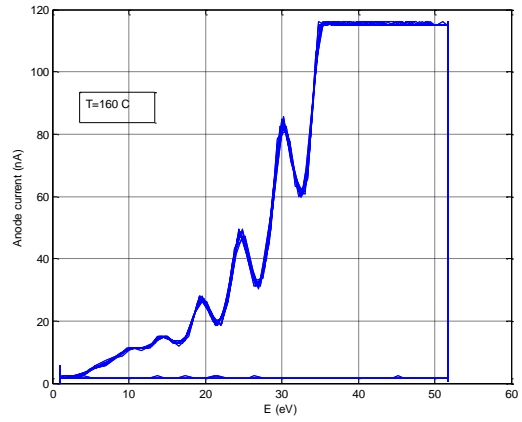
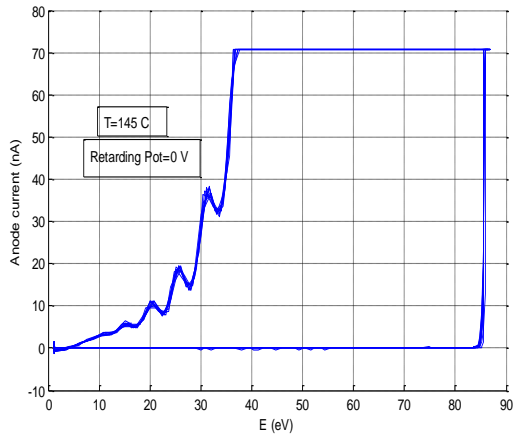
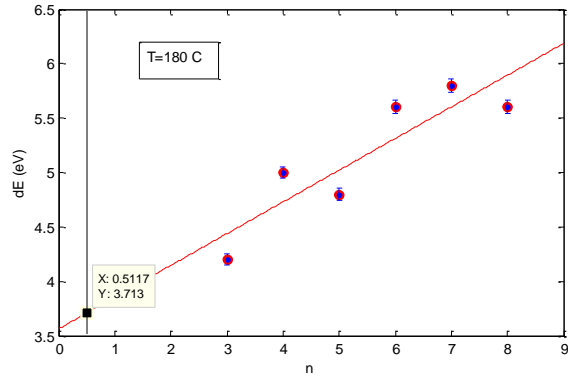
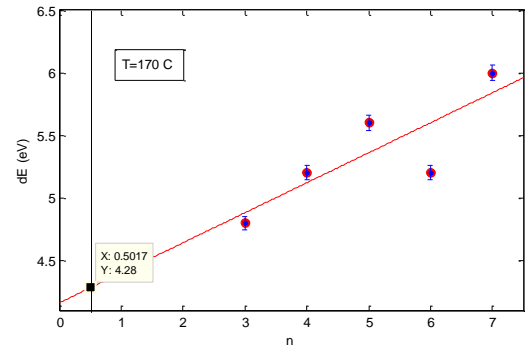
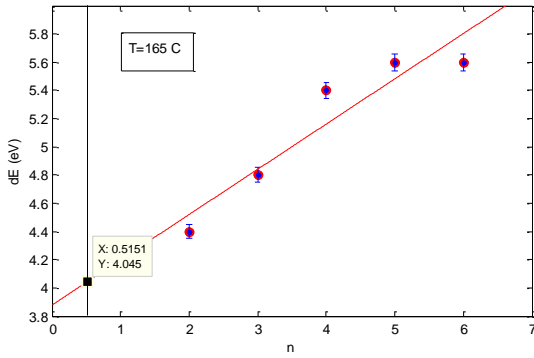
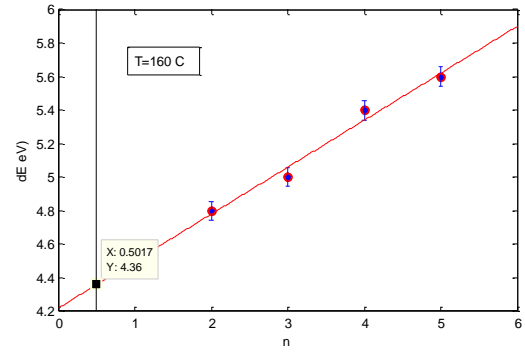
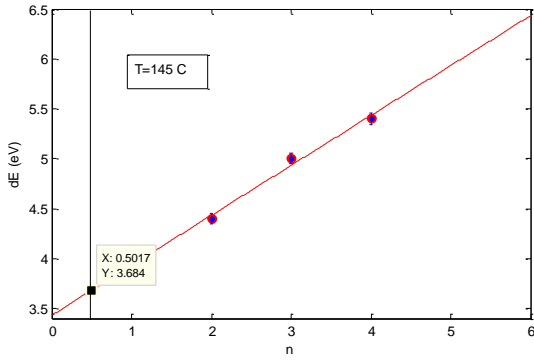


## Result of Frank-Hertz Experiment



## Spacing $\Delta E$ vs. $n$



$T$ (K)	$\lambda$ ( $\mu\text{m}$ )	$\Delta\lambda$ ( $\mu\text{m}$ )	$E_a$ (eV) Calculated from intercept at $n=0.5$	$E_a$ (eV) From average of dip separation
418	273	0.5	3.68	4.93
433	215	0.2	4.36	5.2
438	285	0.2	4.09	5.16
443	217	0.3	4.28	5.36
453	244	0.2	3.71	5.16

