

Figure 1: Tauc plot for Fe-doped [100] β -Ga₂O₃, E//b

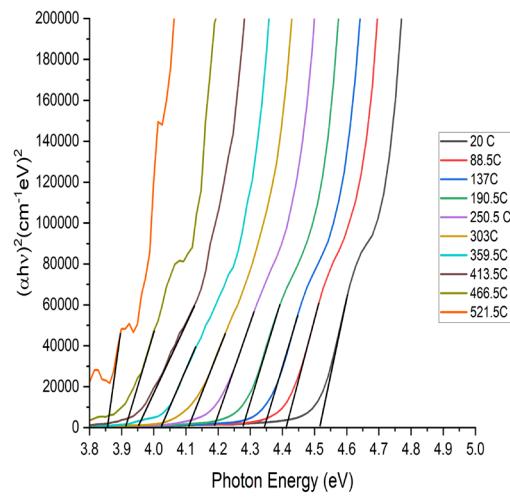


Figure 2: Tauc plot for Fe-doped [100] β -Ga₂O₃, E//c

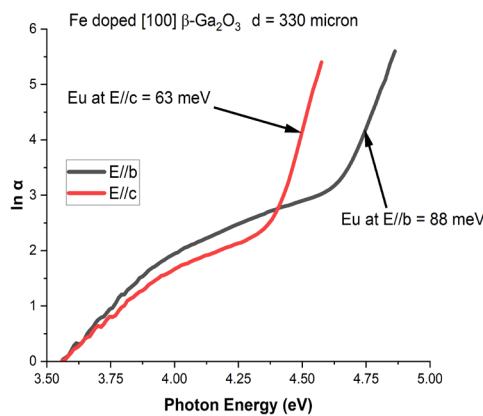


Figure 3: Urbach Energy for Fe-doped [100] β -Ga₂O₃

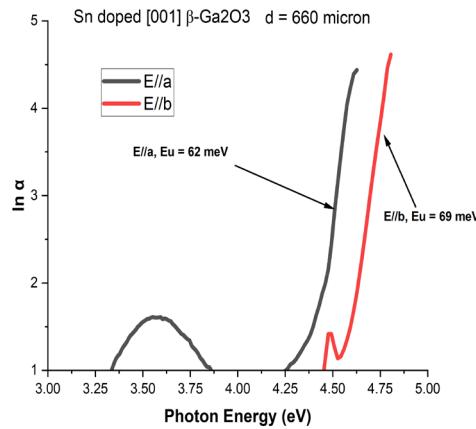


Figure 4: Urbach Energy for Sn-doped [001] β -Ga₂O₃

Table 1: Urbach Energy for different doping and crystallographic direction in β -Ga₂O₃

Crystal Orientation	Urbach Energy (E _u)
Fe-doped [100], E//b	88 meV
Fe-doped [100], E//c	63 meV
Sn doped [001], E//a	62 meV
Sn doped [001], E//b	69 meV