

Assignment I

- ① What are Bohr's postulates?
- ② What is the difference between extrinsic and intrinsic semiconductor?
- ③ Prove that the hole drift current is negligible compared with the hole diffusion current, thus justifying the assumption that the injected minority carrier current under low level injection is essentially a diffusion current. Derive all the relevant formulae (Refer the pdf for integrated electronics by Millman Halkias)