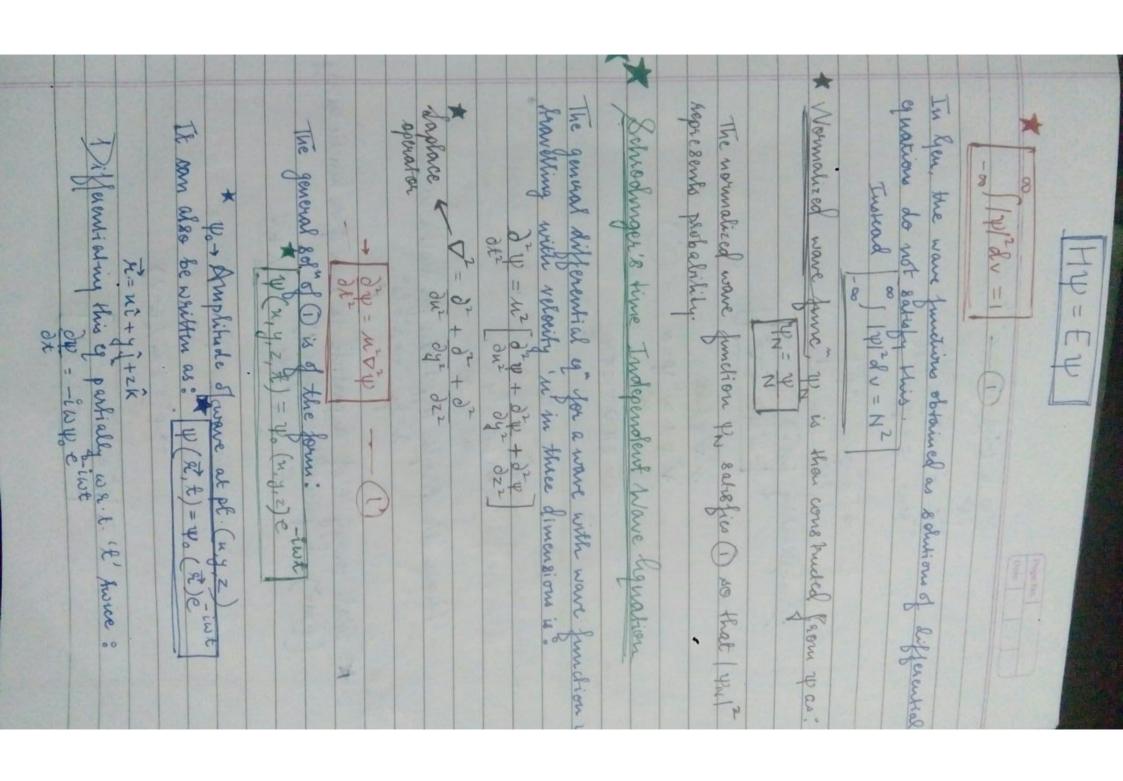
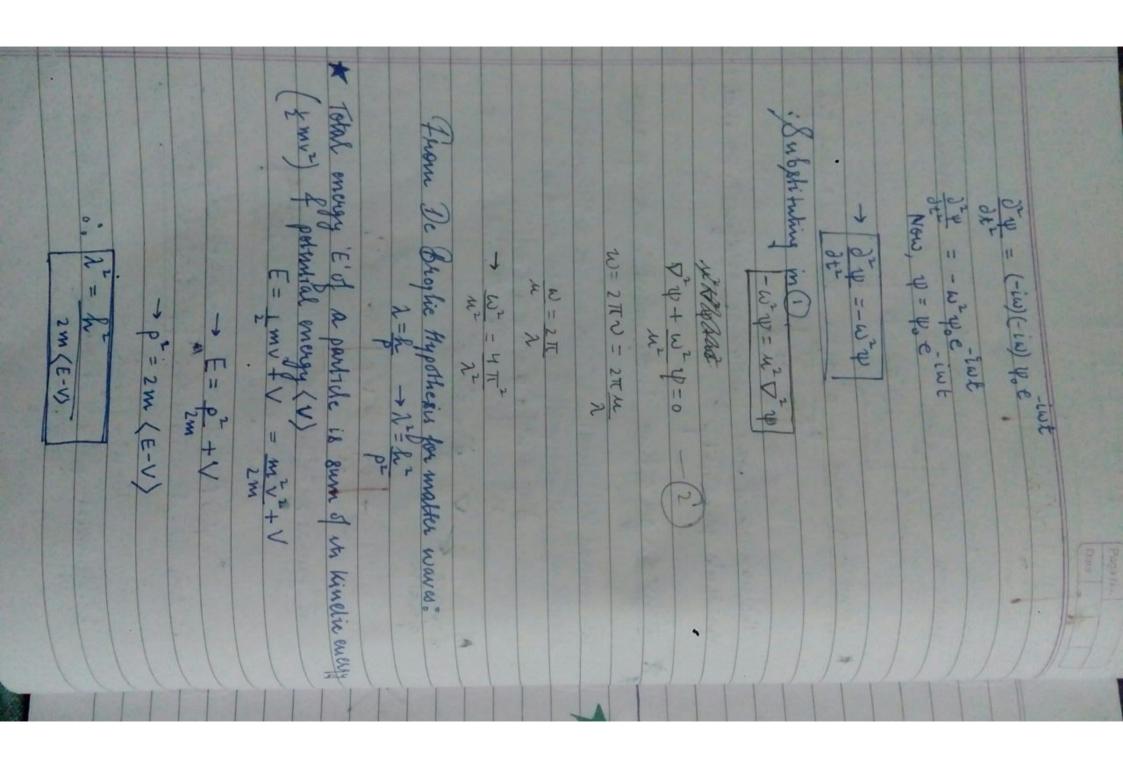
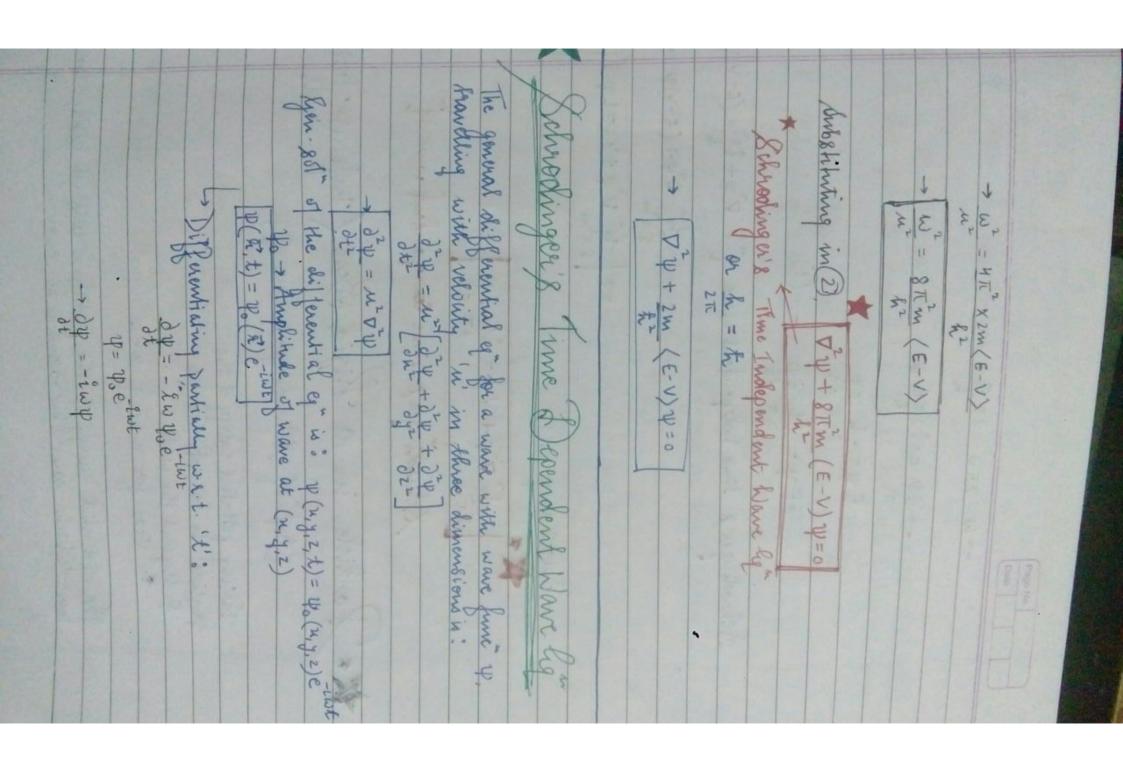


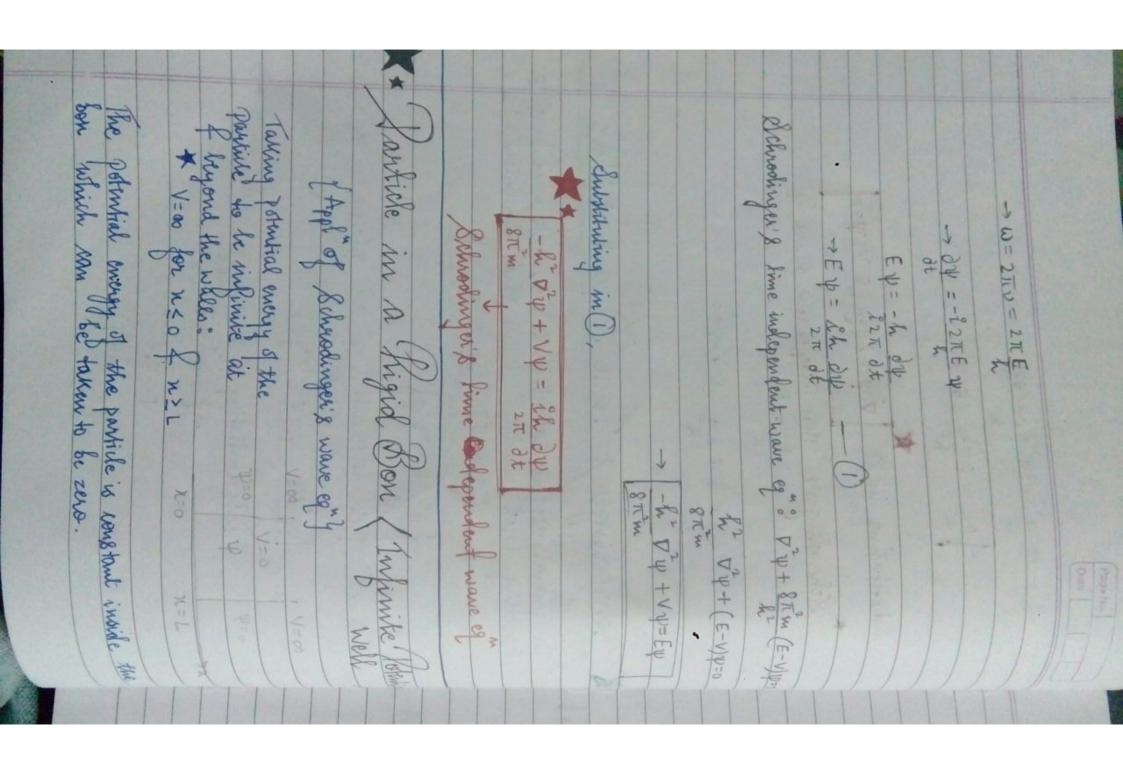
the continuous in the Region where it is defined.

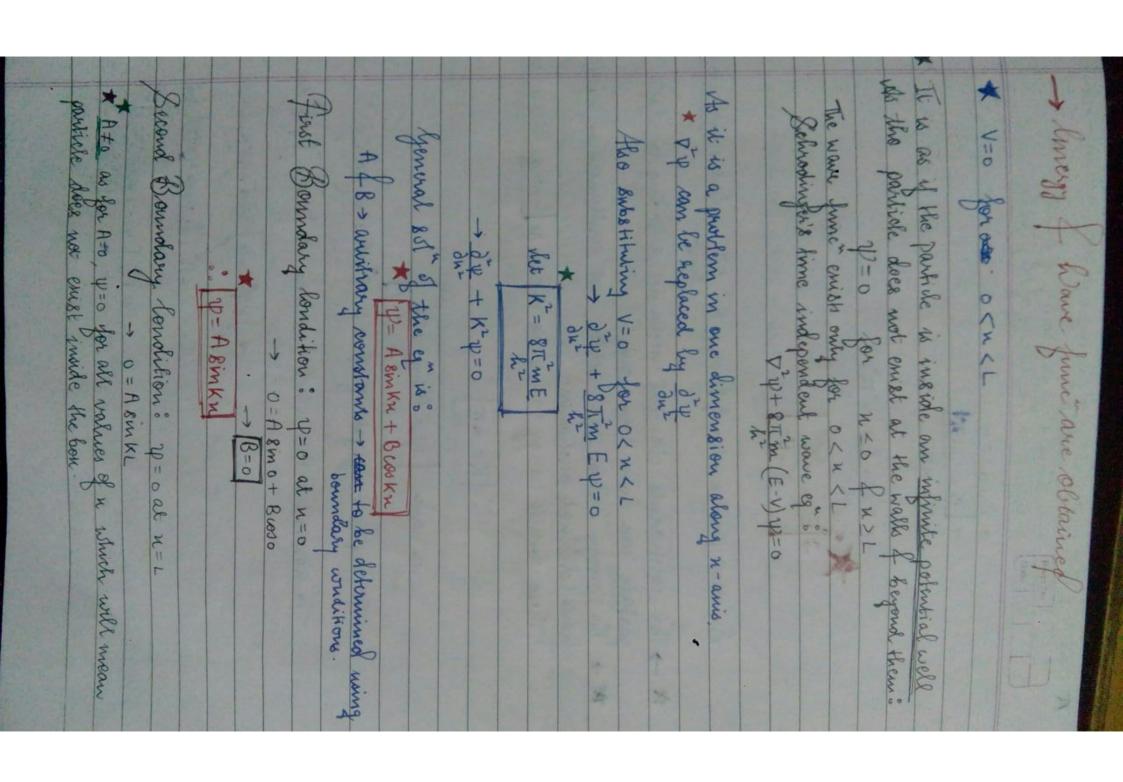
The probability of finding the particle followited by the directly proportional to the value of the fine of the (B) Time Independent wave lign: - p should be normalized wave function so that It will quotability of finding the particle is 1 probability of finding the partie in a certain volume element du du de se is probability which is called the represent probability p should be a bringle valued func at every point in upon as probability is also a single valued func. I were point in space is much be finite at each & every point in space in where it is oblined. The first order sterivatives of it, i.e. dip dip fall must The value of p at a particular point (2, 3, 2) in space at time of finding the particle they demodinger's blane typushon: at that time. wave is salked wave fundion p. Wave tunction ( W): The quantity whose periodic variations make up the multi-

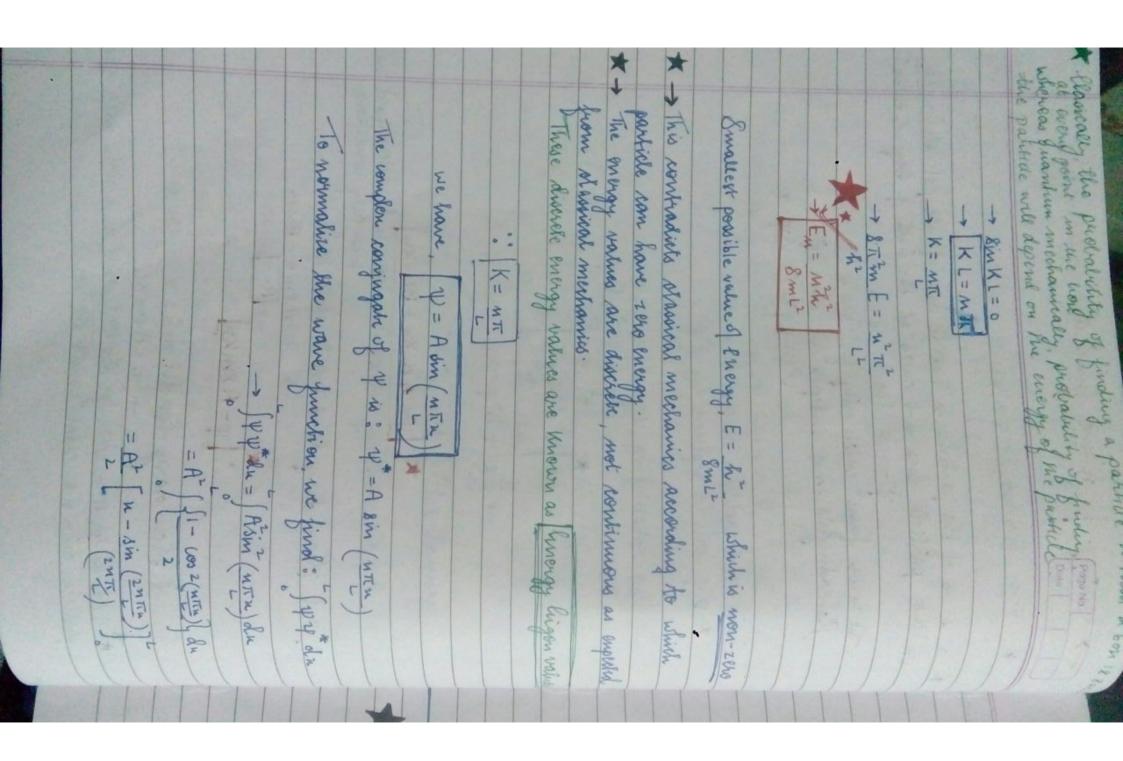


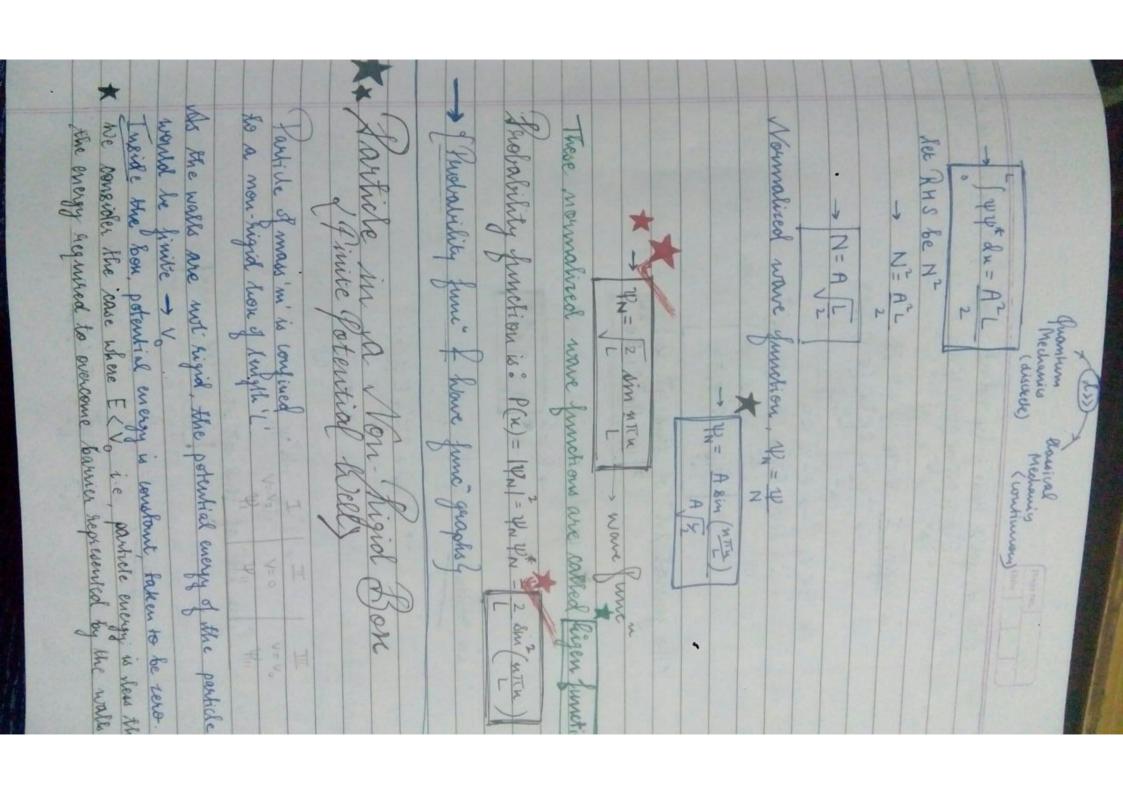


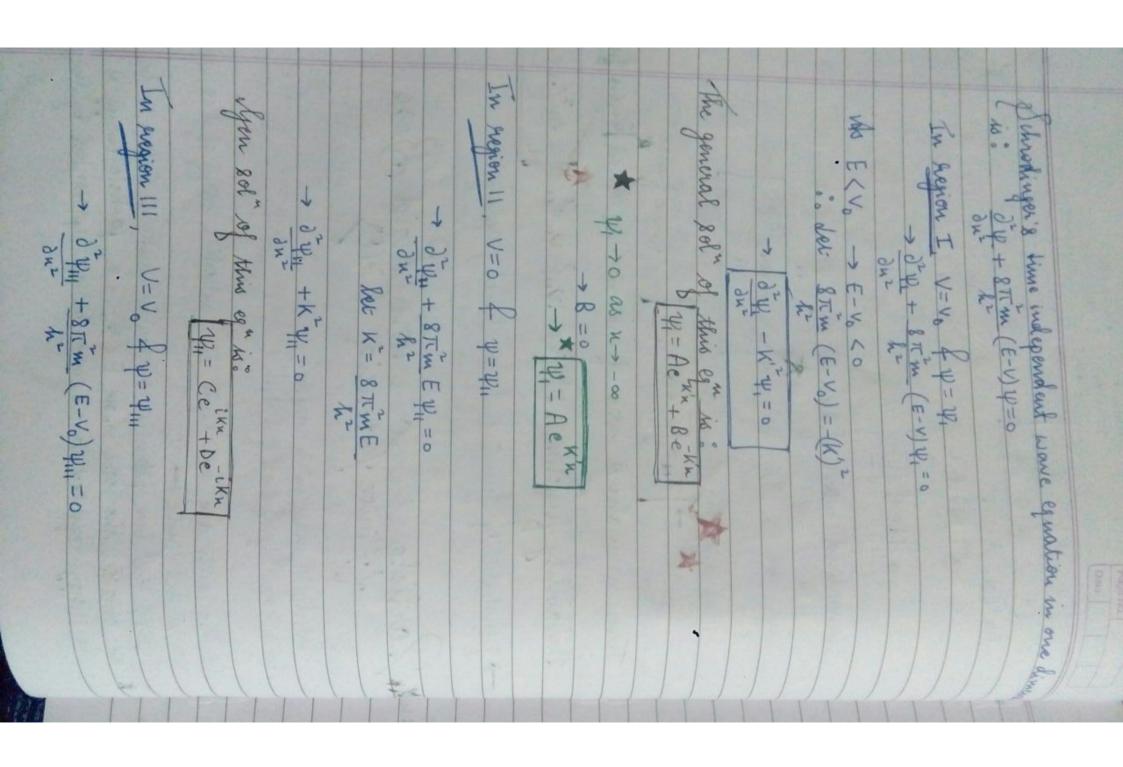


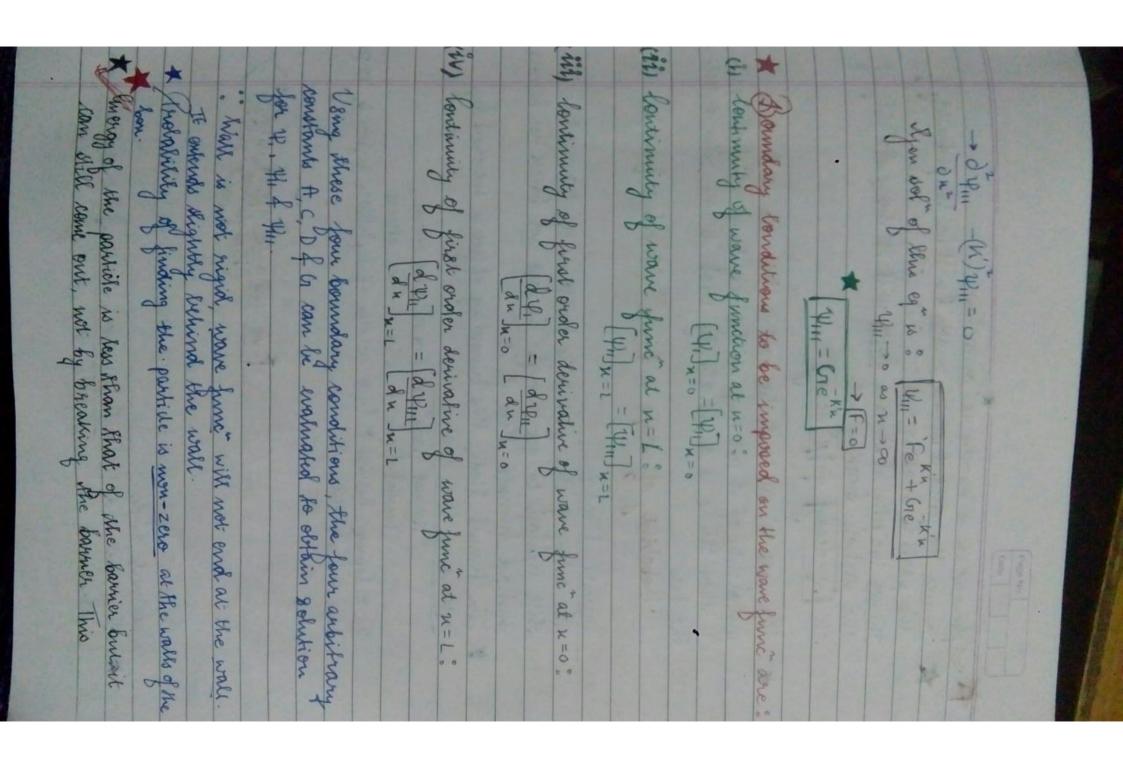












Thinner the potential barrier, greater will be the probability of phenomena, it take place very quickly) (as it is a quant mount diode. san turnell through. Ohnse the potential barrier is overcome it behaves like a In t deping, barrier & but width of depletion region & 10% probability of it entisting in the neighbourhood of the inter instead funnels offer through it. It does not break the barner In tunnel diode, this tunneling effect is increased by en a decay & 18 decay the particle brighing out leasen will be the probability The entry of the particle is her than the barrier but it wwwe the particle breaking out, Thebalishing of escape is I in 10 50 ( Now but finite) Normal diade - 1 in 10 base atoms Diode. - ve resultance regional astrone is

\* Geraine of negative resistance segion, it can be used a Switch \* More c'will be tunneled when the gap is less & more surrent in Space rechablosy. Scarring is done line by line & terreption of Jame by line & terreption of Scanning Turneling blecken Microsco passes through. The styling has been designed for a constant value of current to the dist of current. Based on Tunneling effect - now the probe, the c funnel outs the surface potential basinies space b/w the purbe & surface behaves - ve scalatame region of terception of height is also obtained due to this a

tave 3 bits - 0, anything b/w 0 ft

So there are known as Owbits

No wave computers are based on superconductivity.

Manthum computing involves superposition of entoughement of the The energy in mous rigid, from will be greater than mon sixil order to have the c'hunnel to it Non wordendow have to be southed with conductory to be observed honder 8 ton en gold. manhum tomputung