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Review of Chapters 1-5 | Vinod Rathode

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decrease and the material would begin to behave less like a semiconductor and more like a metal. If α_0 were to decrease, the bandgap energy would increase and the material would begin to behave more like an insulator. 3.2 wave equation is: $\nabla^2 \psi = -\frac{2mE}{\hbar^2} \psi$ Assume the solution is of the form: $\psi = u \exp(jkx - \omega t)$ Region ...

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