5. Dano: Thempenanypa T=Ti+ To-Tix its, v=ast Haugen: Grang mougen 2 mangy luz. $dT = \frac{T_2 - T_1}{2} d\chi$ $dt = \frac{2}{\alpha F} \frac{dT}{(z-1)}$ $\int_0^{\infty} dt = \frac{\int_0^{\infty} d\tau}{Q(T_2 - \overline{I}_1)} \int_{T_1}^{\overline{I}_2} d\tau$ t= 25 alta-Ti)(J2-Ti) 6. Dano: racmoma V=1410JU, Jackmoshue n=Jm A1= 1x10*10M, 82 = 10M Scxit= for e-xx cos(wt-kx)

 $A_0' = 2e^{5r} = 3$ $r = \frac{1}{5}m^{\frac{3}{2}} \times 20.08c^{-1}$ omborn: $0.08c^{-1}$