Patentiale to de Separation with may!

Virgo) = pirming / N(xy) = pin (xy) V(r) 4(r)279) = E 4(2)079) = R(+1/62,0) : Ray 149 (4) .- 72

$$\begin{array}{l}
Y_{1,1}(0,P) = \int_{\mathbb{R}^{2}} (-iY_{1,0} + \int_{\mathbb{R}^{2}} (-iY_{1,1} - Y_{1,1,1})) \\
Y_{2,1}(0,P) = \int_{\mathbb{R}^{2}} \sin \theta e^{iP} \quad \mathcal{T} := \int_{\mathbb{R}^{2}} (-iY_{1,1} - Y_{1,1,1})) \\
Y = \int_{\mathbb{R}^{2}} (-iY_{1} - Y_{1,1}) = -\mathcal{T}(iY_{1} + X_{1}) = -\mathcal{T}(iY_{1} + X_{1}) \quad \mathcal{T} = -\mathcal{T}(iY_{1} + X_{1}) \\
Y_{2,1}(X_{1} + X_{2}) = -\mathcal{T}(iZ_{1} + X_{1}) \quad \mathcal{T} = -\mathcal{T}(iY_{1} + X_{1}$$

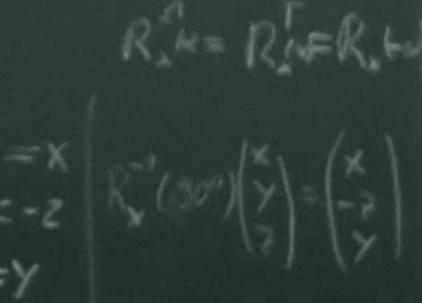
$$= T(-iz - \frac{1}{2}(\sqrt{247}) + \sqrt{x^{2}+7^{2}}(x - iy))$$

$$= T(-icos\theta - \frac{1}{2}(2sin\theta cos\phi))$$

$$= e^{i\phi} + e^{-i\phi}$$

$$= \sqrt{2}(i\sqrt{87} - cos) - \frac{1}{2}\sqrt{87} sin\theta e^{i\phi}$$

$$= \sqrt{2}(i\sqrt{87} - cos) - \frac{1}{2}\sqrt{87} sin\theta e^{i\phi}$$



$$V_{\ell} = -\frac{2}{4\pi \epsilon_{0}} = \frac{1^{2}}{4\pi \epsilon_{0}}$$
 $V_{\ell} = \frac{1^{2}}{2mr^{2}}$

$$\frac{1}{e^{2}m} = \frac{4\pi \xi_{0} h^{2}}{e^{2}m} = \frac{1}{4\pi \xi_{0} h^{2}} =$$

$$\frac{|Y_{n,1}|Y_{n-1}|}{|Y_{n}|Y_{n-1}|^2} = \frac{|Y_{n}|Y_{n}|}{|Y_{n-1}|Y_{n-1}|} = \frac{|Y_{n}|Y_{n-1}|}{|Y_{n-1}|Y_{n-1}|} = \frac{|Y_{n-1}|Y_{n-1}|}{|Y_{n}|Y_{n-1}|^2} = \frac{|Y_{n}|Y_{n}|Y_{n-1}|}{|Y_{n}|Y_{n-1}|^2} = \frac{|Y_{n}|Y_{n}|Y_{n}|Y_{n-1}|}{|Y_{n}|Y_{n-1}|^2} = \frac{|Y_{n}|Y_{n}|Y_{n}|Y_{n-1}|}{|Y_{n}|Y_{n-1}|^2} = \frac{|Y_{n}|Y_{n}|Y_{n}|Y_{n-1}|}{|Y_{n}|Y_{n}|Y_{n-1}|} = \frac{|Y_{n}|Y_{n}|Y_{n}|Y_{n-1}|}{|Y_{n}|Y_{n}|Y_{n-1}|} = \frac{|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n-1}|}{|Y_{n}|Y_{n}|Y_{n}|Y_{n}|} = \frac{|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|Y_{n}|$$

$$=\frac{11}{W=-\frac{E_{n-1}-E_{n}}{h}}\cdot \frac{1}{2}\left(\frac{11\cos(1)+\frac{1}{h}\left(\frac{E_{n-1}-E_{n}}{h}\right)}{\frac{1}{h}}\right)$$

$$=\frac{1}{W=-\frac{E_{n-1}-E_{n}}{h}}\cdot \frac{1}{E_{n-1}-E_{n}}=-\frac{E_{1}yol}{h}+\frac{E_{n}yol}{h} \approx -\frac{1}{2}\frac{E_{1}yol}{h^{3}}$$

$$=\frac{1}{(n-1)!}\cdot \frac{1}{h}\cdot \frac{1$$

$$\frac{1}{e^{2}m} = \frac{1}{4\pi \xi_{0}} \frac{1}{h^{2}} = \frac{1}{4\pi \xi_{0}} \frac{1}{h^{2}}$$

$$F = -\frac{En_{yol}}{N^2}$$

$$V(r) = -\frac{e^2}{4\pi f_0 r} - eE = 0 = 7 \text{ Figure} = \sqrt{4\pi f_0 E}$$

$$V(r_{max}) = -7 \sqrt{4\pi f_0 E}$$

$$E = -\frac{En_{yol}}{N^2} - 7 \sqrt{r_{max}} = -7 \sqrt{\frac{e^3 E}{4\pi f_0}}$$

$$\frac{E_{n_1 o'}}{L_{n_1}^4} \leq \frac{1}{L_{n_1}^4} \frac{e^4}{4\pi \xi_0 a_0^2} = \frac{E_0}{16n^4} = \frac{e}{4\pi \xi_0 a_0^2} = \frac{1}{4\pi \xi$$

$$F = -\frac{E_{R,yol}}{N^{2}}$$

$$V(r) = -\frac{e^{2}}{4\pi\xi_{0}r} - eE = 0 = 7 \text{ Yin is } = \sqrt{\frac{e}{4\pi\xi_{0}E}}$$

$$V(r_{max}) = -7 \sqrt{\frac{e^{3}E}{4\pi\xi_{0}}} = 7 \sqrt{\frac{e^{3}E}{4\pi\xi_{0}}} = 7 \sqrt{\frac{e^{3}E}{4\pi\xi_{0}}}$$

$$E = -\frac{E_{R,yol}}{R^{3}} - 7 \sqrt{r_{max}} = -7 \sqrt{\frac{e^{3}E}{4\pi\xi_{0}}} = 7 \sqrt{\frac{e^{3}E}{4\pi\xi_{0}}}$$