

$$E = -\nabla V = -\frac{\lambda V}{\lambda Z} a_{2}$$

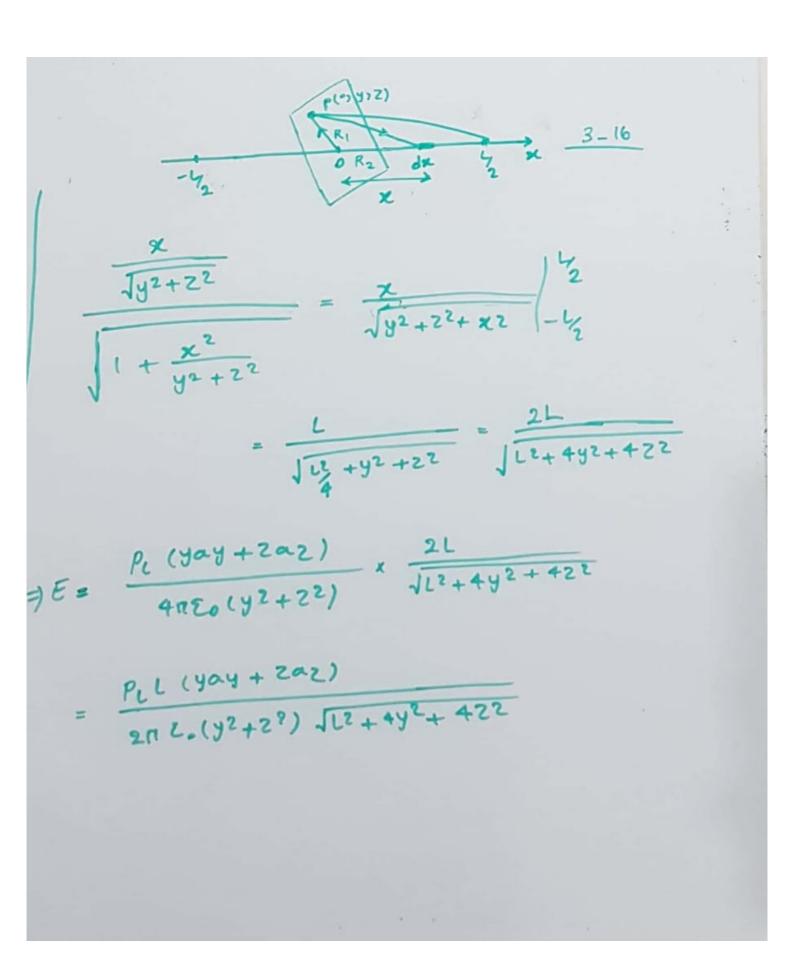
$$(1 + \frac{2Z}{14b^{2} + 2Z})((h-2) + \frac{1}{b^{2} + (h-2)^{2}})$$

$$+ (2 + \frac{1}{b^{2} + 2Z})((-1 - \frac{Z(h-2)}{2(a^{2} + b^{2} + (h-2)^{2}}))$$

$$= -\frac{bp_{S}}{2(a^{2} + b^{2})} \frac{1}{b^{2}} \frac{1}{b^{2} + (h-2)^{2}} ((h-2) + \frac{1}{b^{2} + (h-2)^{2}})$$

$$= \frac{e}{a_{1}} \frac{b}{b^{2}} \frac{1}{b^{2} + (h-2)^{2}} \frac{1}{b^{2} + (h-2)^{2}} \frac{1}{b^{2} + (h-2)^{2}}$$

$$= \frac{bp_{S}}{2z_{0}} \frac{1}{b^{2} + (h-2)^{2}} \frac{1}{b^{2} + (h-2)^{2}$$



$$\nabla = \frac{\rho_{L}}{4\pi L_{0}} \left[L_{n} \left(L + \sqrt{L^{2} + 4y^{2} + 4z^{2}} \right) - L_{n} \left(-L + \sqrt{L^{2} + 4y^{2} + 4z^{2}} \right) \right]$$

$$\frac{E}{\Delta V} = \frac{\delta V}{2 \sqrt{L^{2} + 4y^{2} + 4z^{2}}} - \frac{\delta V}{2 \sqrt{L^{2} + 4y^{2} + 4z^{2}}}$$

$$\frac{\delta V}{\delta V} = \frac{\delta V}{2 \sqrt{L^{2} + 4y^{2} + 4z^{2}}} - \frac{\delta V}{2 \sqrt{L^{2} + 4y^{2} + 4z^{2}}}$$

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$$\nabla = \frac{\rho_{c}}{4\pi\epsilon_{o}} \left[\ln\left(L + \sqrt{L^{2} + 4y^{2} + 4z^{2}} \right) - \ln\left(-L + \sqrt{L^{2} + 4y^{2} + 4z^{2}} \right) \right]$$

$$\frac{\delta V}{\delta Z} = \frac{\frac{8Z}{2\sqrt{L^{2} + 4y^{2} + 4z^{2}}}}{L + \sqrt{L^{2} + 4y^{2} + 4z^{2}}} - \frac{\delta V}{2\sqrt{L^{2} + 4y^{2} + 4z^{2}}}$$

$$\frac{\delta Z}{2\sqrt{L^{2} + 4y^{2} + 4z^{2}}} = \frac{\delta Z}{-L + \sqrt{L^{2} + 4y^{2} + 4z^{2}}}$$

$$\frac{\delta Z(-L + \sqrt{L^{2} + 4y^{2} + 4z^{2}})}{2\sqrt{L^{2} + 4y^{2} + 4z^{2}}}$$

$$\frac{\delta Z(L + \sqrt{L^{2} + 4y^{2} + 4z^{2}})}{2\sqrt{L^{2} + 4y^{2} + 4z^{2}}}$$

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$$\frac{\delta V}{\delta Z} = \frac{4Z(-2L)}{(4y^{2} + 4z^{2})\sqrt{L^{2} + 4y^{2} + 4z^{2}}}$$

