$$\frac{1}{2} \left[\frac{1}{r} \frac{1}{3r} \left(r \frac{1}{12} \right) + \frac{1}{r^2} \frac{3}{3\rho^2} \right] A_e(\hat{x}) + \left[\mu_e - \frac{4r}{2\rho} - \left(1 - \frac{\hat{r}^2}{2\hat{\sigma}_x^2} \right) \frac{1}{k^2} \right] A_e(\hat{x}) = \emptyset$$

$$= A_e(\hat{x}) = A_{i,m}(\hat{r}) e^{im\phi}, \quad y = \mu_e \hat{\sigma}_x$$

$$\left[\frac{\partial}{\partial y}\left(y\frac{\partial}{\partial y}\right) - \frac{m^2}{4y} + \frac{\mu_e \hat{\sigma}_x}{2i}\left(\mu_e - \frac{\Delta y}{2\rho} - \frac{1}{\mu_e^2}\right) - \frac{y}{4}\right] A_{L,n} = 0$$

$$A_{e,m} = y^{\frac{m}{2}} e^{-y/2} \alpha_{e,m}(y)$$

$$Y_{e,m}^{\frac{m}{2}}(y) + (1+m-y) \alpha_{e,m}^{\frac{m}{2}}(y) - \frac{1}{2} \left[m+1 + i \mu_{e} \hat{\sigma}_{x} \left(\mu_{e} - \frac{\delta y}{2e} - \frac{1}{\mu_{e}^{2}} \right) \right] \alpha_{e,m}(y) = 0$$

$$y'' \propto_{R,0} (y) = (1-y) \propto_{R,0} (y) - \frac{1}{2} \left[1 + i \mu_{\ell} \hat{\sigma}_{x} \left(\mu_{\ell} - \frac{\Delta Y}{2 \rho} - \mu_{\ell}^{2} \right) \right] \propto_{R,0} (y) = 0$$

$$\mu_{\ell}^{2} \left(\mu_{\ell} - \frac{\Delta Y}{2 \rho} \right) - 1 = \frac{i \mu_{\ell}}{\delta_{x}} (22+1)$$

as
$$\sigma_x \rightarrow \infty = 7 \mu_{\ell}^2 \left(\nu_{\ell} - \frac{\Delta V}{2\ell} \right) = 1$$