eigenvalue must satisfy:

erigenvalues given by:

if
$$\sigma_x \to \infty = 1$$

$$Me^2 = Me = \frac{\Delta v}{2e}$$

$$A_{e,o}(\hat{r}) = L_{x} \left(\frac{i\hat{r}}{\mu \hat{\sigma}_{x}} \right) \exp \left(\frac{-i\hat{r}}{2\mu e \hat{\sigma}_{x}} \right)$$