

$$K_0 = -\frac{1}{4} \left[\frac{\partial^2}{\partial R^2} - \frac{l(l+1)}{R^2} \right] + \frac{1}{4} R^2; \quad K_1 = -\frac{1}{4} \left[\frac{\partial^2}{\partial R^2} - \frac{l(l+1)}{R^2} \right] - \frac{1}{4} R^2; \quad K_2 = \frac{1}{2i} \left(R \frac{\partial}{\partial R} + \frac{1}{2} \right)$$