

Demo

EF

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HELLO

$$\begin{aligned}\hat{H}\Psi &= E\Psi \\ \frac{\alpha_c}{2(r^2+a_l^2)^2} \\ \frac{l(l+1)}{2r^2} \\ -\frac{1}{r} \\ +\frac{1}{h^2} \\ -\frac{.5}{h^2} \\ \frac{1}{h^2}+V_i\end{aligned}$$

$$H=\begin{pmatrix}a_1&b&0&\dots&0\\b&a_2&b&\dots&0\\0&b&a_3&\dots&0\\..&\dots&\dots&\dots&0\\0&0&0&b&a_N\end{pmatrix}$$