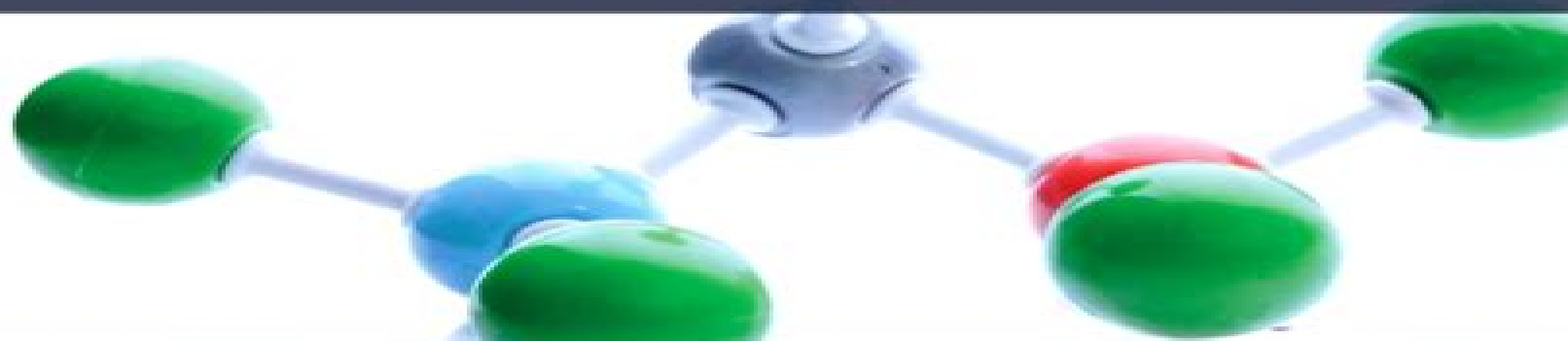$$-\frac{\hbar^2}{2m}\frac{\partial^2\Psi}{\partial x^2}+\mathcal{V}(x)\Psi=$$

$$-\frac{\hbar^2}{2m}\theta(t)\frac{\partial^2\psi}{\partial x^2}+\mathcal{V}(x)\theta(t)\psi(x)$$

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