$$\begin{array}{c|c} \textbf{Start} \\ \hline \lambda_0 \text{ guess} \\ \hline \\ \hline M_{kq} = i \frac{\partial \langle \Psi |}{\partial \lambda_k} \frac{\partial |\Psi \rangle}{\partial \lambda_q} - i \frac{\partial \langle \Psi |}{\partial \lambda_q} \frac{\partial |\Psi \rangle}{\partial \lambda_k} \\ \hline \\ V_k = \frac{\partial}{\partial \lambda_k} \left\langle \Psi \middle| \hat{H} \middle| \Psi \right\rangle \\ \hline \end{array}$$

$$\begin{array}{c|c} \textbf{Classical Computer} \\ \hline \\ \lambda \\ \hline \end{array}$$

$$\begin{array}{c|c} L = \frac{i}{2} \left\langle \Psi \middle| \frac{\partial |\Psi \rangle}{\partial t} - \frac{i}{2} \frac{\partial \langle \Psi |}{\partial t} \middle| \Psi \right\rangle - \left\langle \Psi \middle| \hat{H} \middle| \Psi \right\rangle \\ \hline \end{array}$$