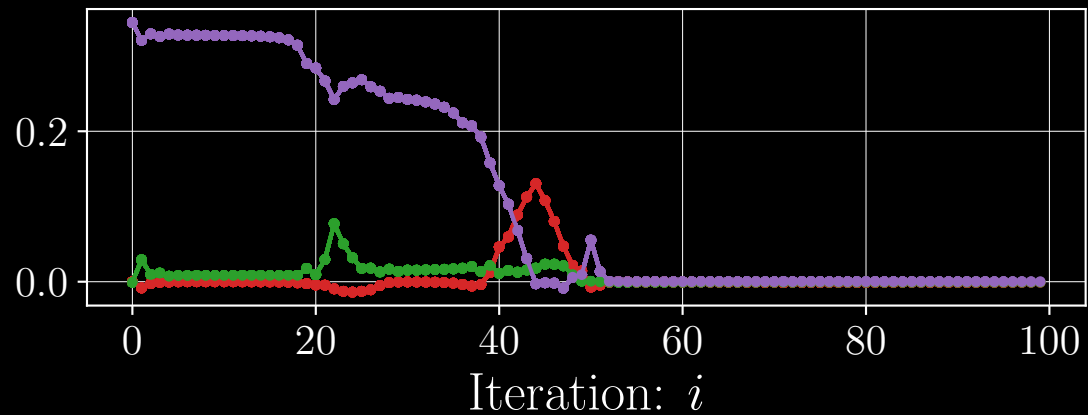


$$f_0(\mathbf{x}^i) = -\frac{1}{2}P_0\lambda(\mathbf{x})^2U(\mathbf{x})$$



$$f_1(\mathbf{x}^i) = V(\mathbf{x}^i)/(V_0V^*) - 1$$

$$f_2(\mathbf{C}_{UC}^H(\mathbf{x}^i))$$

$$f_3(\mathbf{C}_{UC}^H(\mathbf{x}^i))$$