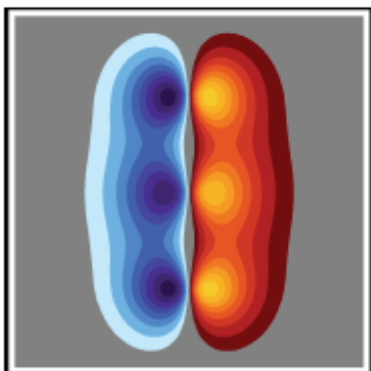
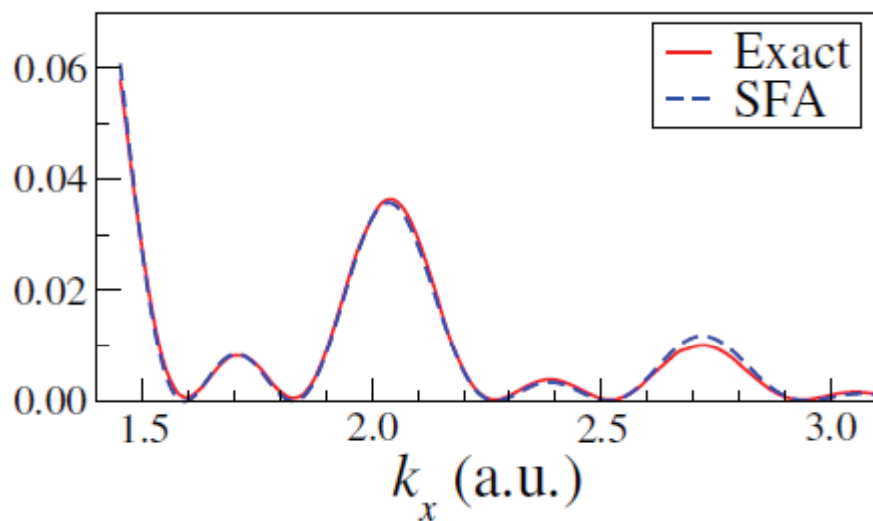


- HOMO-1:



$$\Psi_i(\vec{r}) \propto 2p(x, y + R) + \gamma 2p(x, y) + 2p(x, y - R)$$

$$S_{\text{SFA}}(k_x) \propto \frac{[1 + 2 \cos(k_x R)]^2}{(k_x^2 + \alpha^2)^{9/2}}$$



### Reconstructed HOMO-1

