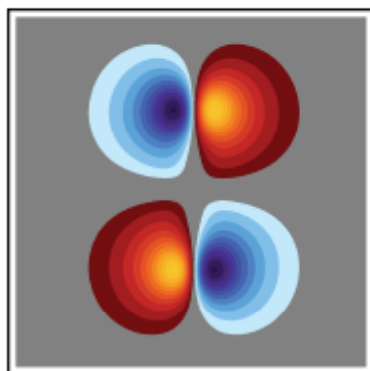


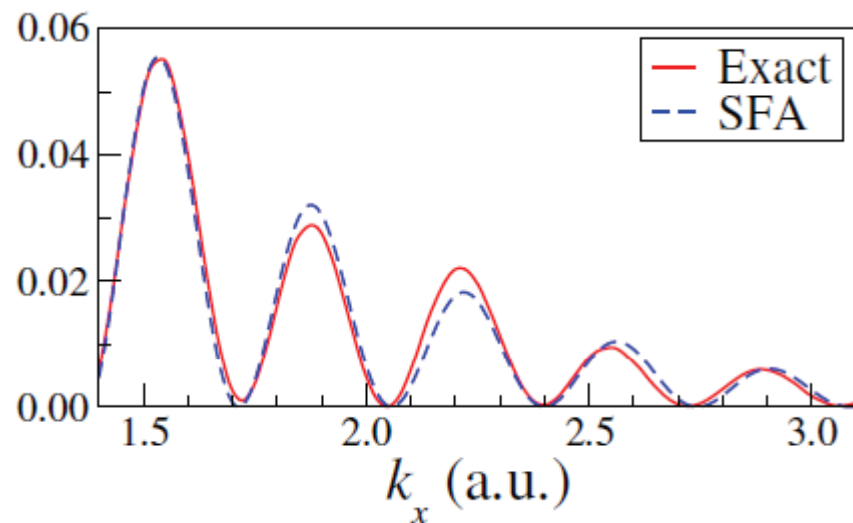
- HOMO :



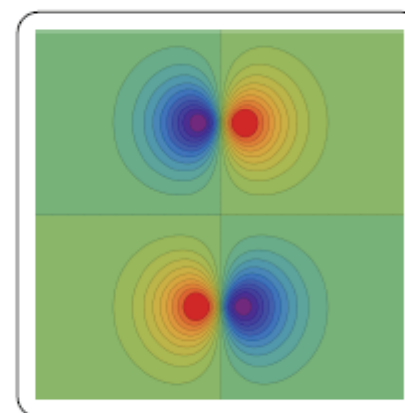
$$\Psi_i(\vec{r}) \propto 2p_0(x, y + R) - 2p_0(x, y - R)$$

$$\text{where } 2p_0(x, y) \propto x \exp(-\alpha r)$$

$$S_{\text{SFA}}(k_x) \propto \frac{\sin^2(k_x R)}{(k_x^2 + \alpha^2)^{9/2}}$$



Reconstructed HOMO



$$\alpha \simeq 2.1 \text{ a.u.}$$