

$$\hat{k}_{w,b}(x_i, x_j)$$

$$\langle \bar{\phi}_{\text{aff}}(x_i), \bar{\phi}_{\text{aff}}(x_j) \rangle$$

$$\bar{\phi}_{\text{aff}}(x_i)$$

$$\bar{\phi}_{\text{aff}}(x_j)$$

Normalization

Normalization

$$\phi_{\text{aff}}(x_i)$$

$$\phi_{\text{aff}}(x_j)$$

$$\sqrt{2}\cos(wx_i + b)$$

$$\sqrt{2}\cos(wx_j + b)$$

$$x_i$$

$$x_j$$