

$$\mathbf{m}(\mathbf{x}) = \left[\frac{\sum_{i=1}^n \mathbf{x}_i g\left(\frac{\|\mathbf{x} - \mathbf{x}_i\|^2}{h}\right)}{\sum_{i=1}^n g\left(\frac{\|\mathbf{x} - \mathbf{x}_i\|^2}{h}\right)} - \mathbf{x} \right]$$