

Kernel 0

$$\Delta_{\sigma}(E_{\star}, E) = \frac{1}{\sqrt{2\pi}\sigma Z} \exp\left(\frac{-(E_{\star} - E)^2}{2\sigma^2}\right)$$

$$Z = \frac{1}{2} \left(1 + \operatorname{erf}\left(\frac{E_{\star}}{\sqrt{2}\sigma}\right)\right)$$

Kernel 1

$$\Delta_{\sigma}(E_{\star}, E) = \frac{1}{\pi(E_{\star} - E)} \sin\left(\frac{\pi(E_{\star} - E)}{\sigma}\right)$$

Kernel 2

$$\Delta_{\sigma}(E_{\star}, E) = \frac{\sigma}{(E_{\star} - E)^2 + \sigma^2}.$$

Kernel 3

$$\Delta_{\sigma}(E_{\star}, E) = \frac{E_{\star} - E}{(E_{\star} - E)^2 + \sigma^2}.$$

Kernel 4

$$\Delta_{\sigma}(E_{\star}, E) = \frac{1}{\sqrt{1-x^2}} \exp\left(-\frac{1}{1-x^2}\right) \theta(1-x^2)$$

$$x = \frac{E_{\star} - E}{\sigma}$$