© weight function 
$$w(0) = \frac{1}{\sqrt{\pi}}$$

sampling interval  $\Rightarrow (0,1)$ 

normalising who we get

$$A : \int \sqrt{\pi} = 1$$

$$\Rightarrow A : \int \sqrt{\pi} = 1$$

$$\Rightarrow A : \int \sqrt{\pi} = 1$$

$$\Rightarrow A : = 1$$

$$\Rightarrow$$