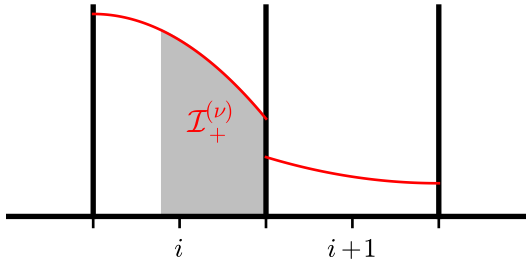


$$\sigma_i^{(\nu)} \Delta x$$


The diagram illustrates a numerical method for approximating an integral. A horizontal axis is marked with points i and $i+1$. Vertical lines are drawn at these points and at an intermediate point. A red curve is plotted, and the area under it between x_i and x_{i+1} is shaded gray and labeled $\mathcal{I}_+^{(\nu)}$. A dimension line above the first interval indicates a width of $\sigma_i^{(\nu)} \Delta x$.

 i
 $i+1$