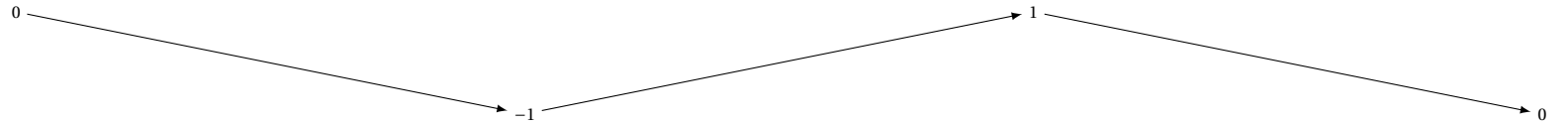


x	$-\pi$ $-\frac{\pi}{2}$ $\frac{\pi}{2}$ π
$x \mapsto \sin'(x)$	$-$ 0 $+$ 0 $-$
$x \mapsto \sin(x)$	 <p>The graph shows the sine function $y = \sin(x)$ over the interval $[-\pi, \pi]$. The curve starts at $(-\pi, 0)$, reaches a minimum at $(-\frac{\pi}{2}, -1)$, crosses the x-axis at $(0, 0)$, reaches a maximum at $(\frac{\pi}{2}, 1)$, and ends at $(\pi, 0)$. Arrows indicate the direction of the curve between these points.</p>