

x	0	$\frac{2\sqrt{3}}{3}$	2
Variation de \mathcal{A}	0	$\frac{32\sqrt{3}}{9}$	0

The diagram illustrates the variation of a function \mathcal{A} over the interval $[0, 2]$. The x-axis is marked with 0 , $\frac{2\sqrt{3}}{3}$, and 2 . The y-axis, labeled "Variation de \mathcal{A} ", is marked with 0 , $\frac{32\sqrt{3}}{9}$, and 0 . Arrows indicate that the function starts at 0 at $x=0$, increases to a maximum value of $\frac{32\sqrt{3}}{9}$ at $x=\frac{2\sqrt{3}}{3}$, and then decreases back to 0 at $x=2$.