

Definition: Ceiling Function

Of the form $\lceil \cdot \rceil : \mathbb{R} \rightarrow \mathbb{Z}$, it returns the smallest integer greater than or equal to it. That is:

$$\lceil x \rceil = x + \varepsilon$$

where $\varepsilon \in [0, 1)$ and $x + \varepsilon \in \mathbb{Z}$