

Definition: Floor Function

Of the form $\lfloor \cdot \rfloor : \mathbb{R} \rightarrow \mathbb{Z}$, it returns the largest integer less than or equal to it. That is:

$$\lfloor x \rfloor = x - \varepsilon$$

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